ORDER NO. MD9004020C2

Service Manual

Portable Cassette

Stereo Radio Cassette Recorder

RX-FT600

Color

(K) . . . . . Black Type

Area

Country Code	Area	Color
(E)	Continental Europe	(K)
(EB)	Great Britian	
(EG)	F.R. Germany & Italy	

SG-20 MECHANISM SERIES

■ SPECIFICATIONS

General:

Power Requirement:	AC; (E) (EG)..220 V, 50 Hz (EB).....240 V, 50 Hz Battery; 12 V (Eight UM-1 Batteries) Battery; 3 V (Two UM-3 Batteries) for Battery Back-up
Power Consumption:	30 W (AC only)
Power Output:	20 W (10 W x 2) ... PMPO
Speaker:	Woofer; 10 cm PM Dynamic Speaker (2.7Ω) Tweeter; 1.5 cm Ceramic Speaker
Jacks:	Input; CD/LINE IN; 316 mV, 47 kΩ Output; HEADPHONES; 32Ω, ø3.5
Dimensions:	566 (W) x 156 (H) x 167 (D) mm
Weight:	3.7 kg without batteries

Radio Section:

Radio Frequency Range:	FM; 87.5 ~ 108 MHz MW; 522 ~ 1602 kHz LW; 144 ~ 288 kHz
Intermediate Frequency:	FM; 10.7 MHz AM; 459 kHz
Sensitivity:	FM; 6.3 μV/50 mW output MW; 79 μV/m/50 mW output LW; 125 μV/50 mW output

Tape Deck Section:	**TAPE 1**
Frequency Response:	80 ~ 10,000 Hz
Tape Speed:	4.8 cm/s
Track System:	4-track 2-channel stereo playback

Tape Deck Section:	**TAPE 2**
Frequency Response:	80 ~ 10,000 Hz
Tape Speed:	4.8 cm/s
Recording System:	AC bias, Magnet erase
Track System:	4-track 2-channel stereo recording and playback

Notes:
1. Weights and dimensions shown are approximate.
2. Design and specifications are subject to change without notice.

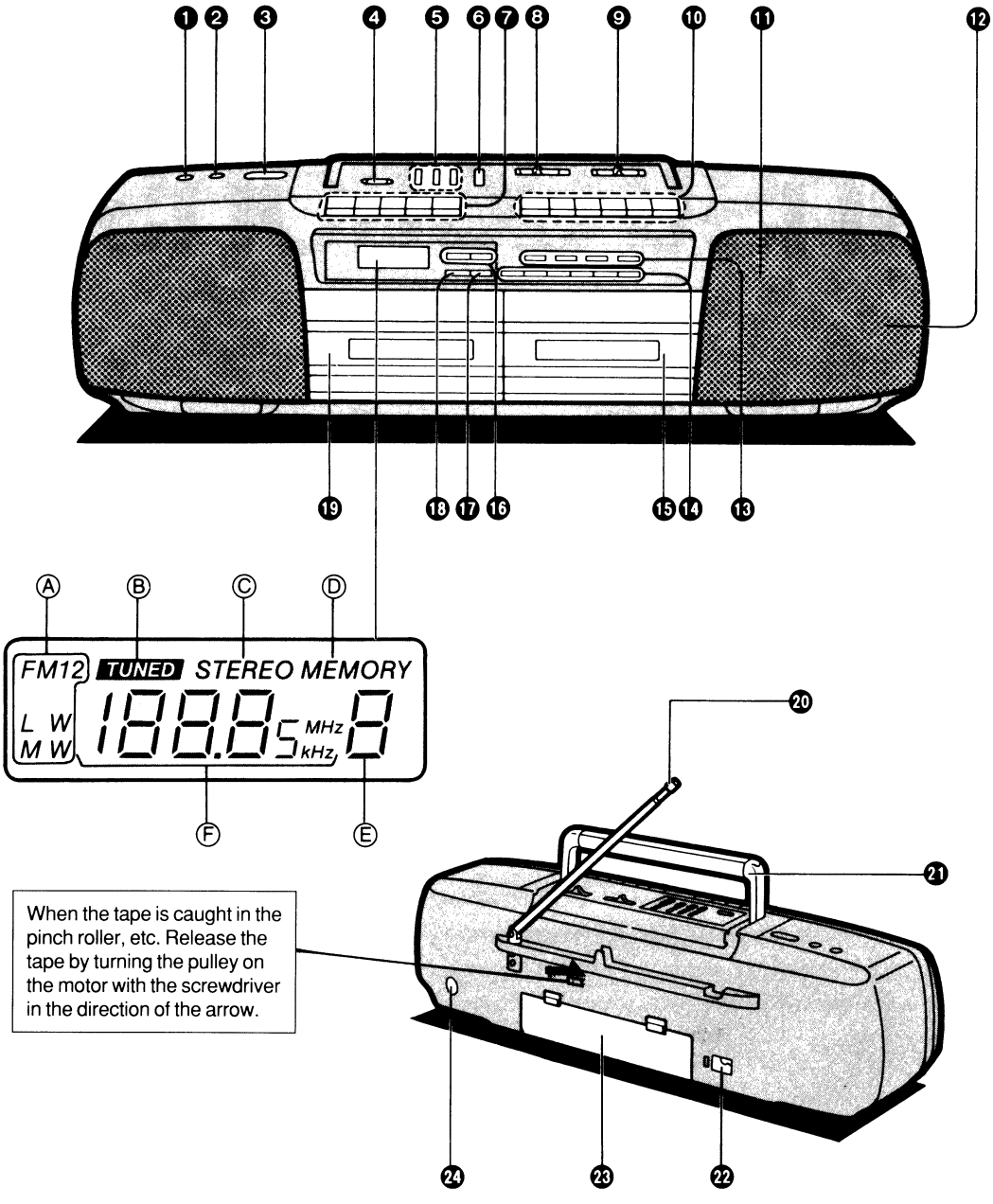
Panasonic

Matsushita Electric Industrial Co., Ltd.
Central P.O. Box 288, Osaka 530-91, Japan

■ CONTENTS

	Page
• Location of Controls	2, 3
• Disassembly Instructions	3 ~ 6
• Schematic Diagram (Tuner Circuit)	7, 8
(PLL Circuit)	9, 10
(Main Circuit)	11 ~ 13
• Circuit Board and Wiring Connection Diagram	14 ~ 16
• Measurements and Adjustments	17 ~ 19
• Block Diagram (Tuner and PLL Circuit)	21, 22
(Main Circuit)	23, 24
• Function of IC Terminals	25, 26
• Cabinet Parts Location	27, 28
• Mechanism Parts Location	29 ~ 31
• Replacement Parts List	32 ~ 34
• Resistors and Capacitors	35, 36

■ LOCATION OF CONTROLS


FM12
TUNED
STEREO MEMORY
L W
M W
MHz
kHz
When the tape is caught in the pinch roller, etc. Release the tape by turning the pulley on the motor with the screwdriver in the direction of the arrow.

LOCATION OF CONTROLS

❶ Stereo Headphone Jack (PHONES) (32Ω, ø3.5)
❷ Built-in Microphone (MIC)
❸ CD/Line Input Jack (CD/LINE IN) (316mV, 47kΩ)
❹ XBS (Extra Bass System) Switch (XBS)
❺ Graphic Equalizer Controls (GRAPHIC EQUALIZER)
❻ Volume Controls (VOLUME)

❼ DECK 1 (For Playback)

- Pause Button (❚❚ PAUSE)
- Stop/Eject Button (⏏ STOP/EJECT)
- Fast Forward/Cue Button (◀◀/CUE)
- Rewind/Review Button (▶▶/REV)
- Playback Button (◀ PLAY)

❽ Function Selector (SELECTOR)
❾ FM Mode/Beat Proof/Editing Mode Switch (EDITING/FM MODE/B.P)

❿ DECK 2 (For Recording and Playback)

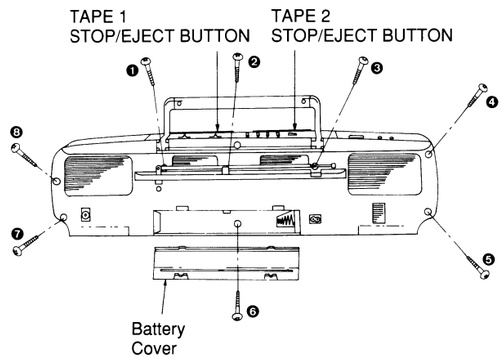
- Pause Button (❚❚ PAUSE)
- Stop/Eject Button (⏏ STOP/EJECT)
- Fast Forward/Cue Button (◀◀/CUE)
- Rewind/Review Button (▶▶/REV)
- Playback Button (◀ PLAY)
- Record Button (● RECORD)

⓫ Speakers (Woofer) (10cm, 2.7Ω)
⓬ Speakers (Tweeter) (1.5cm)
⓭ Band Select Buttons (BAND)
⓮ Memory Channel Button (1–6)
⓯ Deck 2 Cassette Holder
⓰ Tuning Buttons (TUNING)
⓱ Memory Button (MEMORY)
⓲ Memory Scan Button (M.SCAN)
⓳ Deck 1 Cassette Holder
⓴ Telescopic Antenna
㉑ Handle
㉒ AC Socket (AC IN ~)
㉓ Battery Compartment
㉔ FM Antenna Terminal (FM ANT)
Ⓐ Band Indicators
Ⓑ Tuning Indicator (TUNED)
Ⓒ Stereo Indicator (STEREO)
Ⓓ Memory Indicator (MEMORY)
Ⓔ Memory Channel Indicator
Ⓕ Frequency Display

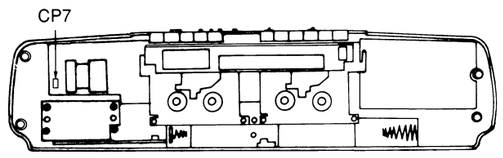
■ DISASSEMBLY INSTRUCTIONS

Ref. No. 1 — Removal of the Front Cabinet

Procedure 1



1. Remove the battery cover.
2. Remove 8 screws (❶ ~ ❽).
3. Press the STOP/EJECT buttons.

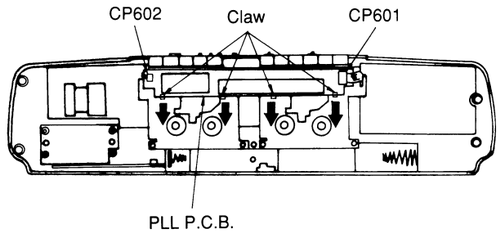


4. Remove the connector (CP7).

Ref. No. 2 — Removal of the PLL P.C.B

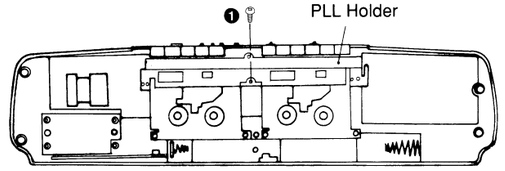
Procedure 1 →2

1. Remove 2 connectors (CP601, CP602).
2. Remove 4 claws in the direction of arrows.



Ref. No. 3 — Removal of the PLL P.C.B. Holder

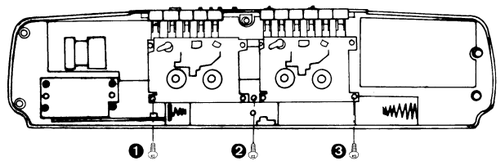
Procedure 1 →2 →3



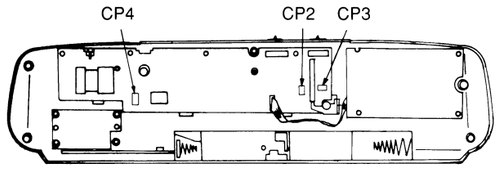
1. Remove 1 screw (❶).

Ref. No. 4 — Removal of the Mechanism

Procedure 1 →2 →3 →4



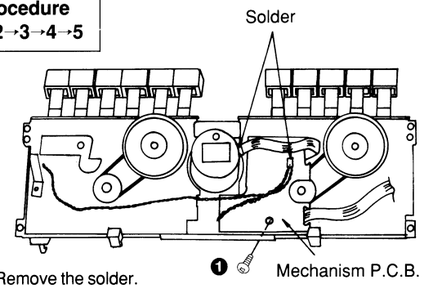
1. Remove 3 screws (❶ ~ ❸).



2. Remove 3 connectors (CP2 ~ CP4).

Ref. No. 5 — Removal of the Mechanism P.C.B.

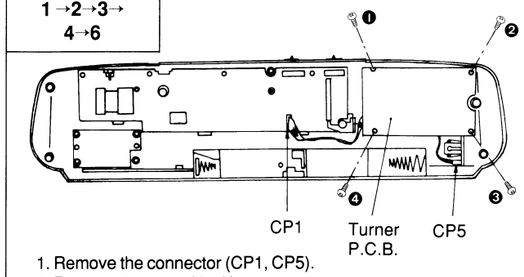
Procedure 1 →2 →3 →4 →5



1. Remove the solder.
2. Remove 1 screw (❶).

Ref. No. 6 — Removal of the Tuner P.C.B.

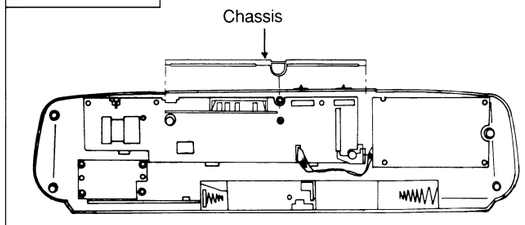
Procedure 1 →2 →3 → 4 →6



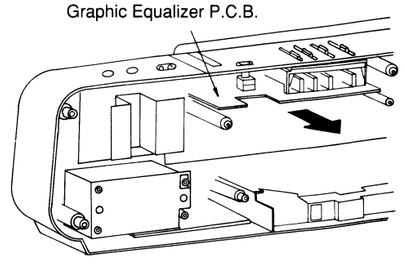
1. Remove the connector (CP1, CP5).
2. Remove 4 screws (❶, ❹).

Ref. No. 7 — Removal of the Graphic Equalizer P.C.B.

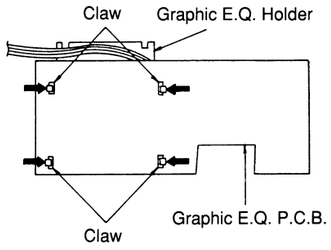
Procedure 1 →2 →3 →4 →7



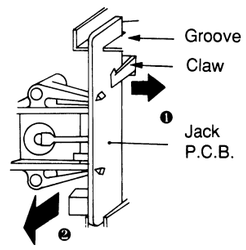
1. Remove the Cover Chassis.



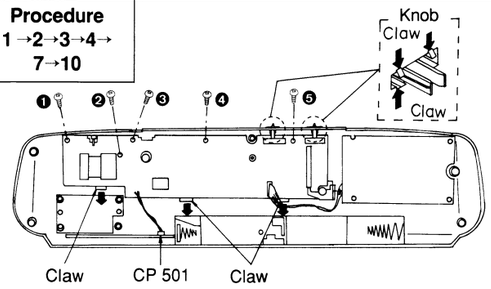
2. Remove the P.C.B. in the direction of arrow.

Ref. No. 8	Removal of the Graphic Equalizer Holder
Procedure 1→2→3→4→ 7→8	

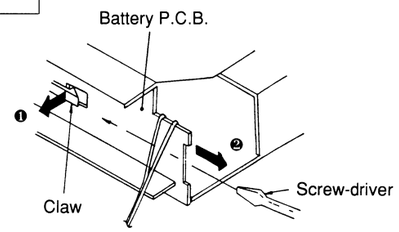
• Remove 4 claws in the direction of arrows.

Ref. No. 9	Removal of the Antenna Jack P.C.B.
Procedure 1→2→3→4→ 6→9	

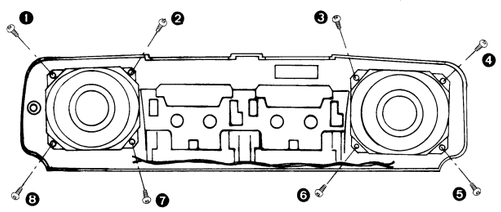
1. Remove the claw in the direction of arrow ❶.
2. Remove the P.C.B. in the direction of arrow❷.

Ref. No. 10	Removal of the Main P.C.B.
Procedure 1→2→3→4→ 7→10	

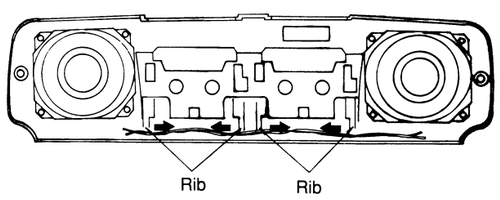
1. Remove 2 knobs.
2. Remove 5 screws (❶, ❺).
3. Remove 3 claws in the direction of arrows.
4. Remove the connector (CP501).

Ref. No. 11	Removal of the Battery P.C.B.
Procedure 1→11	

• Remove the claw in the direction of arrow ❶ and then remove the battery P.C.B. in the direction of arrow ❷.

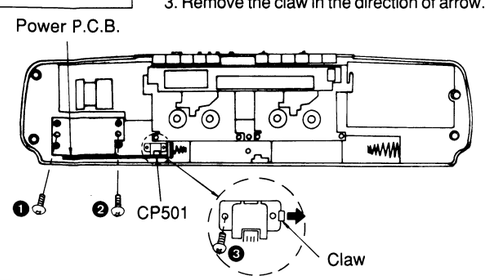
Ref. No. 12	Removal of the Speaker
Procedure 1→12	

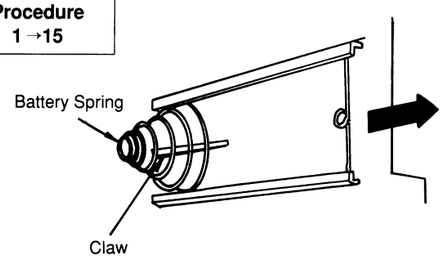
• Remove 8 screws (❶ ~ ❽).

Ref. No. 13	Removal of the Cassette Compartment
Procedure 1→13	

• Remove 4 ribs in the direction of arrows.

Ref. No. 14	Removal of the Power P.C.B.
Procedure 1→14	1. Remove the connector (CP501). 2.Remove 3 screws (❶ ~ ❸). 3. Remove the claw in the direction of arrow.

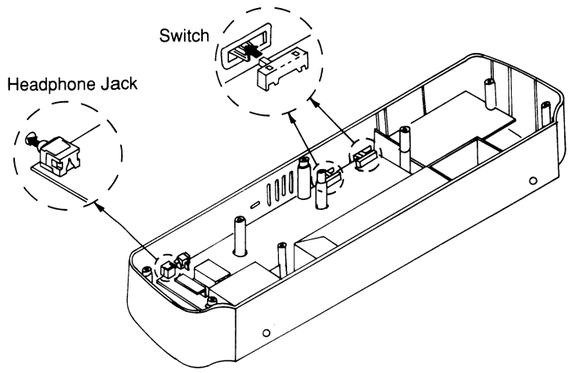


Ref. No. 15	Removal of the Battery Spring
Procedure 1→15	

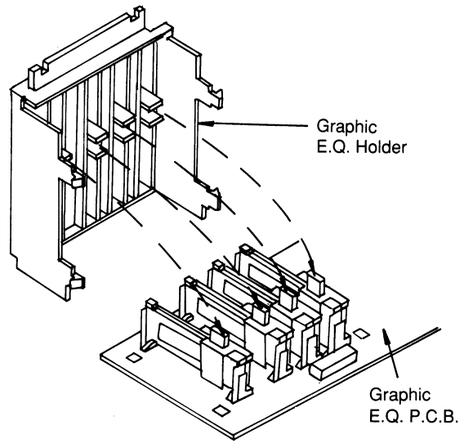
• Remove the claw and then remove the battery spring in the direction of arrow.

Notes When Assembling

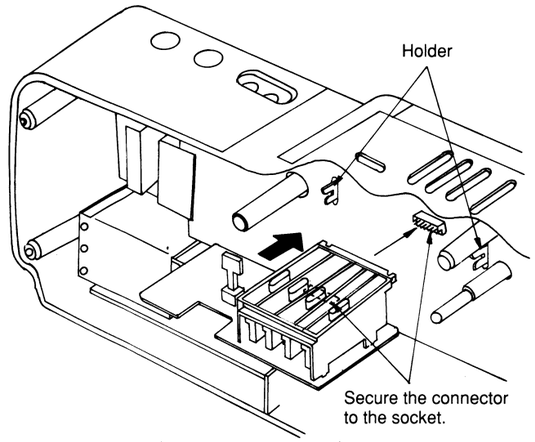
■ HOW TO MOUNT THE MAIN P.C.B.



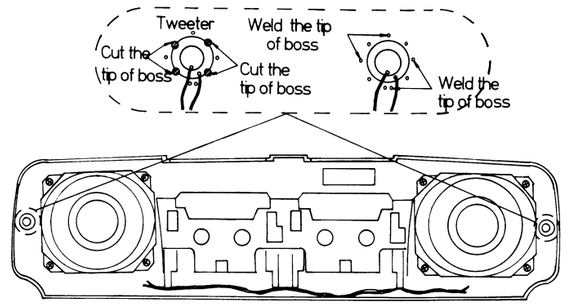
■ HOW TO MOUNT THE GRAPHIC EQUALIZER HOLDER



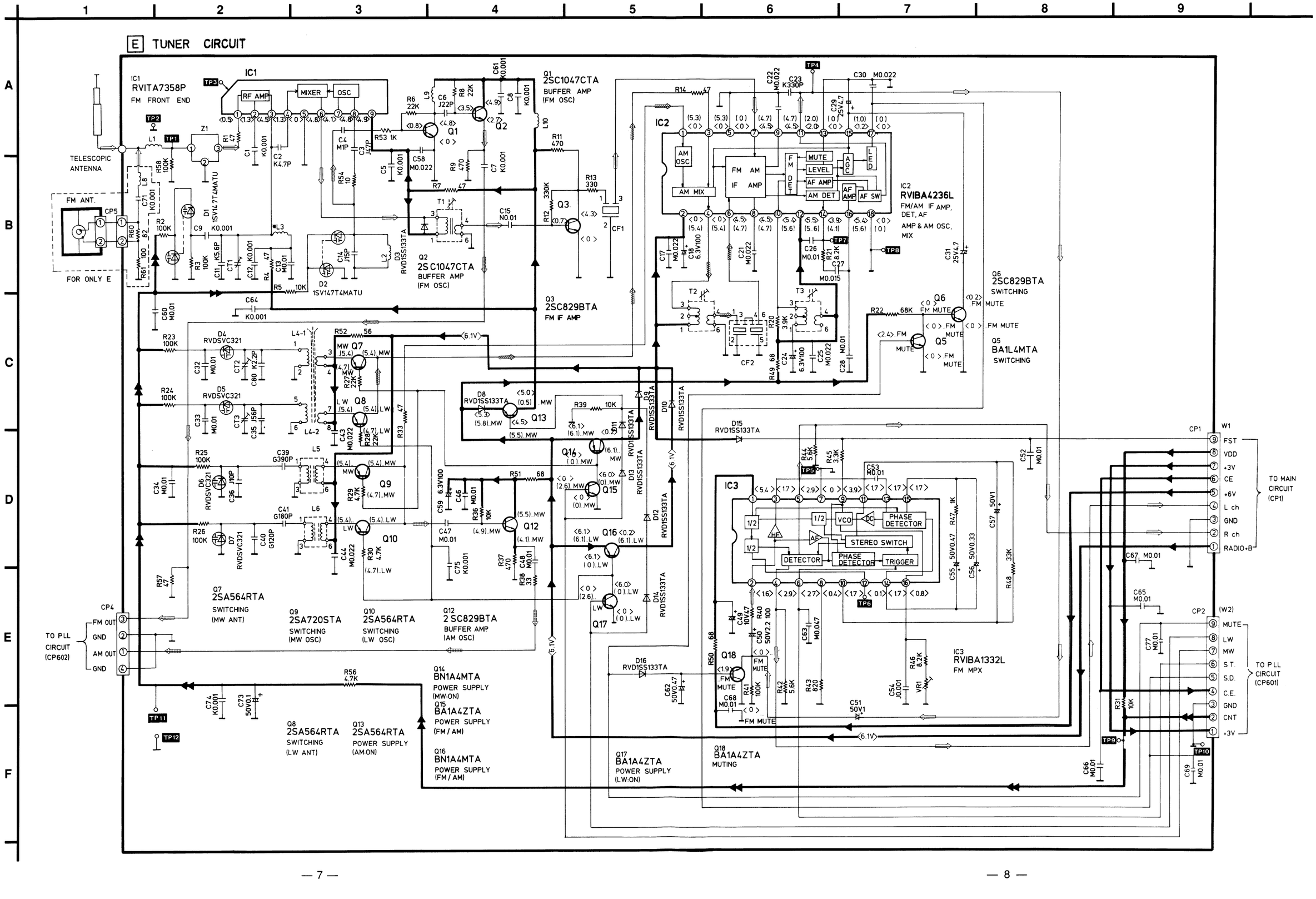
■ HOW TO MOUNT THE GRAPHIC EQUALIZER P.C.B.



■ HOW TO REPLACE THE TWEETERS



■ SCHEMATIC DIAGRAM • TUNER CIRCUIT



■ SCHEMATIC DIAGRAM • PLL CIRCUIT

C PLL CIRCUIT

LD600

IC600
µPD1715G625
LCD DRIVE / SYSTEM CONTROL

CP602
FM IN
GND
AM IN
GND
TO TUNER CIRCUIT (CP4)

CP601
CNT
VCO
+3V
GND
CE
SD
ST
MW
LW
MUTE
TO TUNER CIRCUIT (W2)

Q601
2SC2784FTA
L.P FILTER AMP

Q602
2SC2784FTA
L.P FILTER AMP

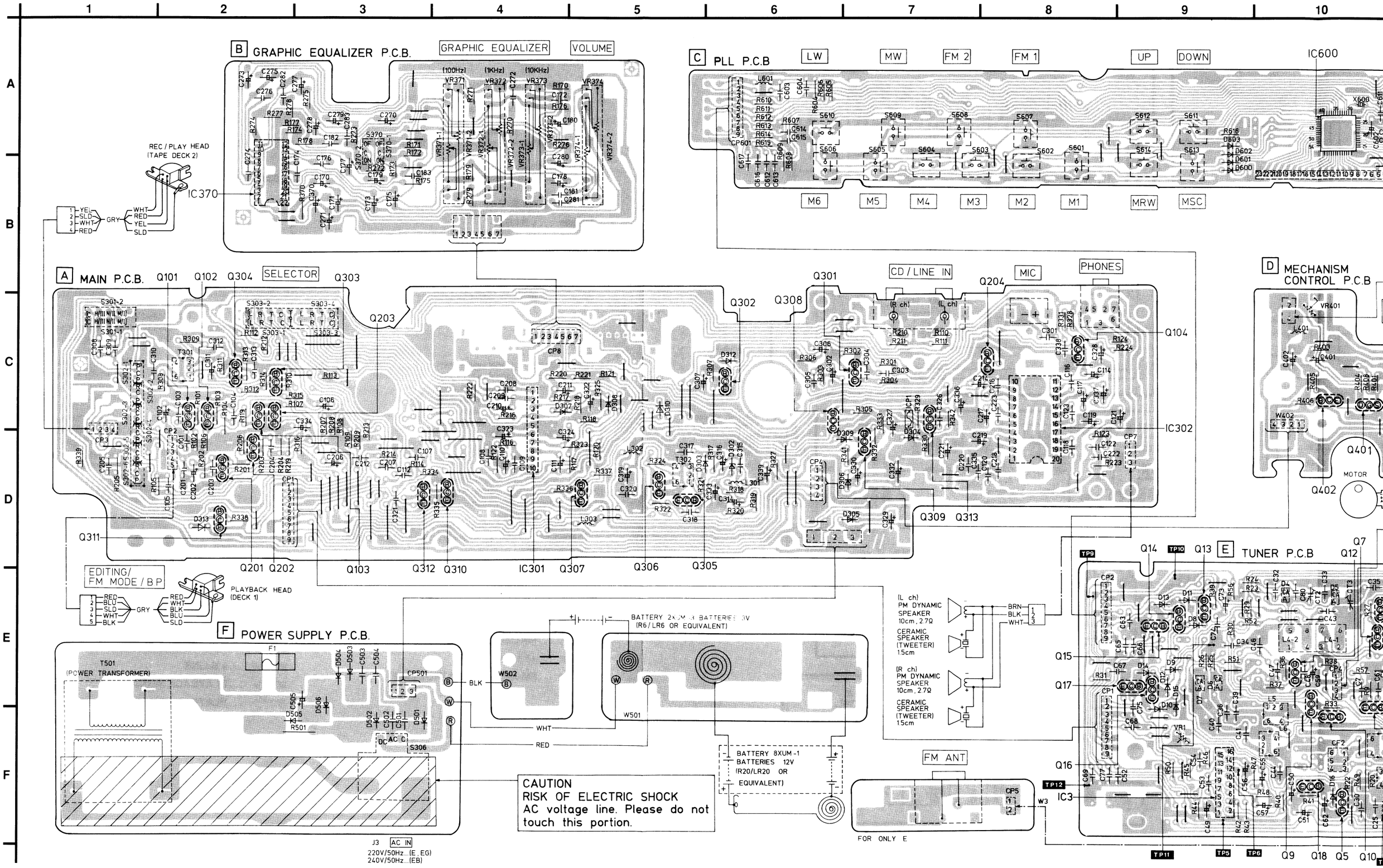
X600

D600 RVD1SS133TA
D601 RVD1SS133TA
D602 RVD1SS133TA
D603 RVD1SS133TA

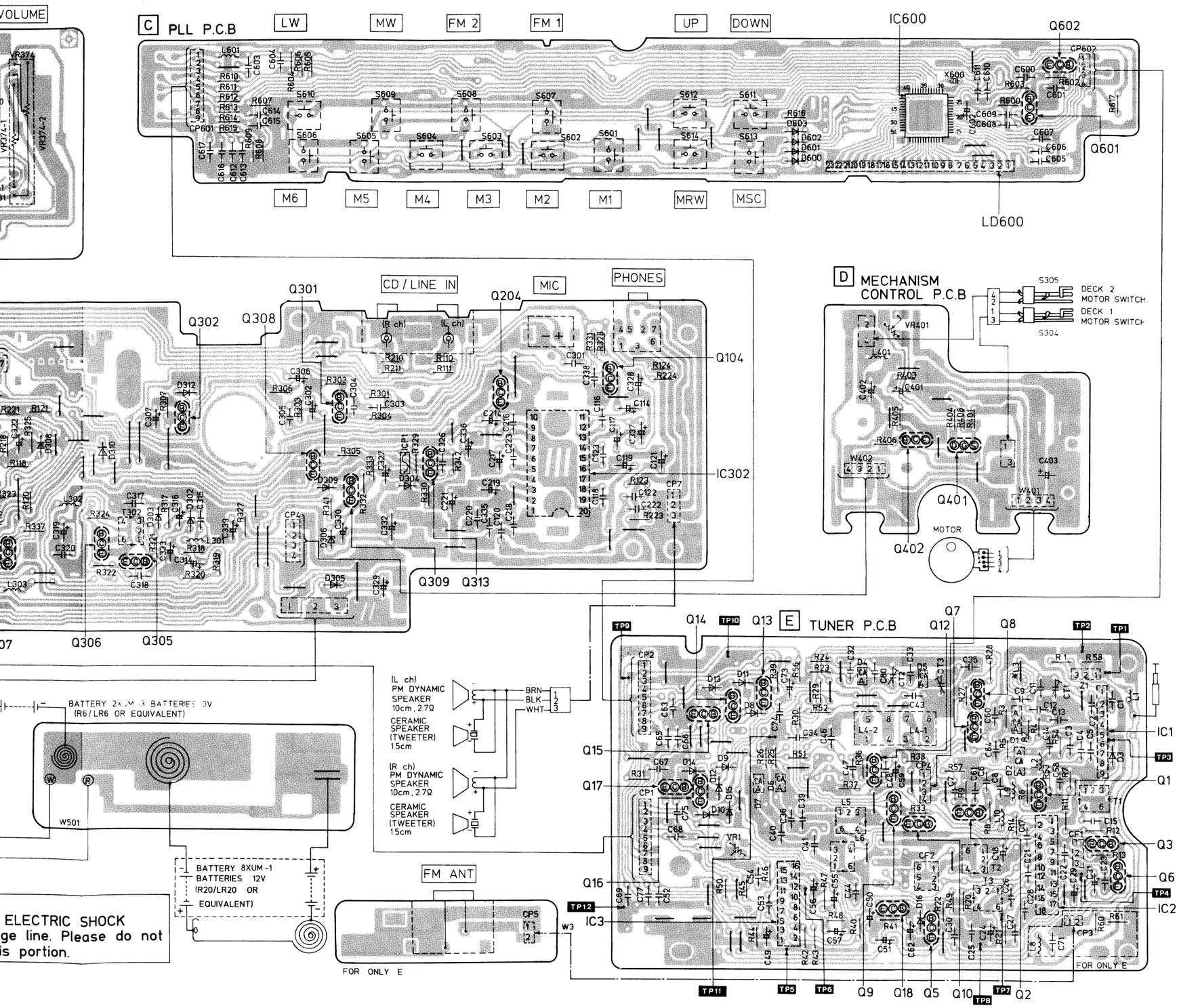
S601 (M1)
S602 (M2)
S603 (M3)
S604 (M4)
S605 (M5)
S606 (M6)
S607 (FM 1)
S608 (FM 2)
S609 (MW)
S610 (LW)
S611 (DOWN)
S612 (UP)
S613 (MSC)
S614 (MRW)

RX-FT600 RX-FT600

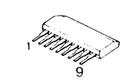
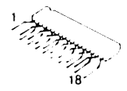
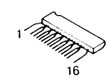
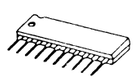
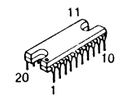
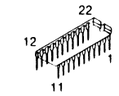
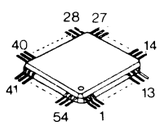
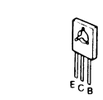
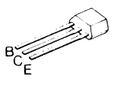
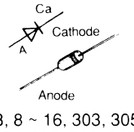
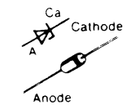
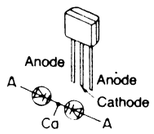
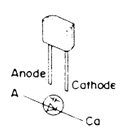
■ CIRCUIT BOARD AND WIRING CONNECTION DIAGRAM



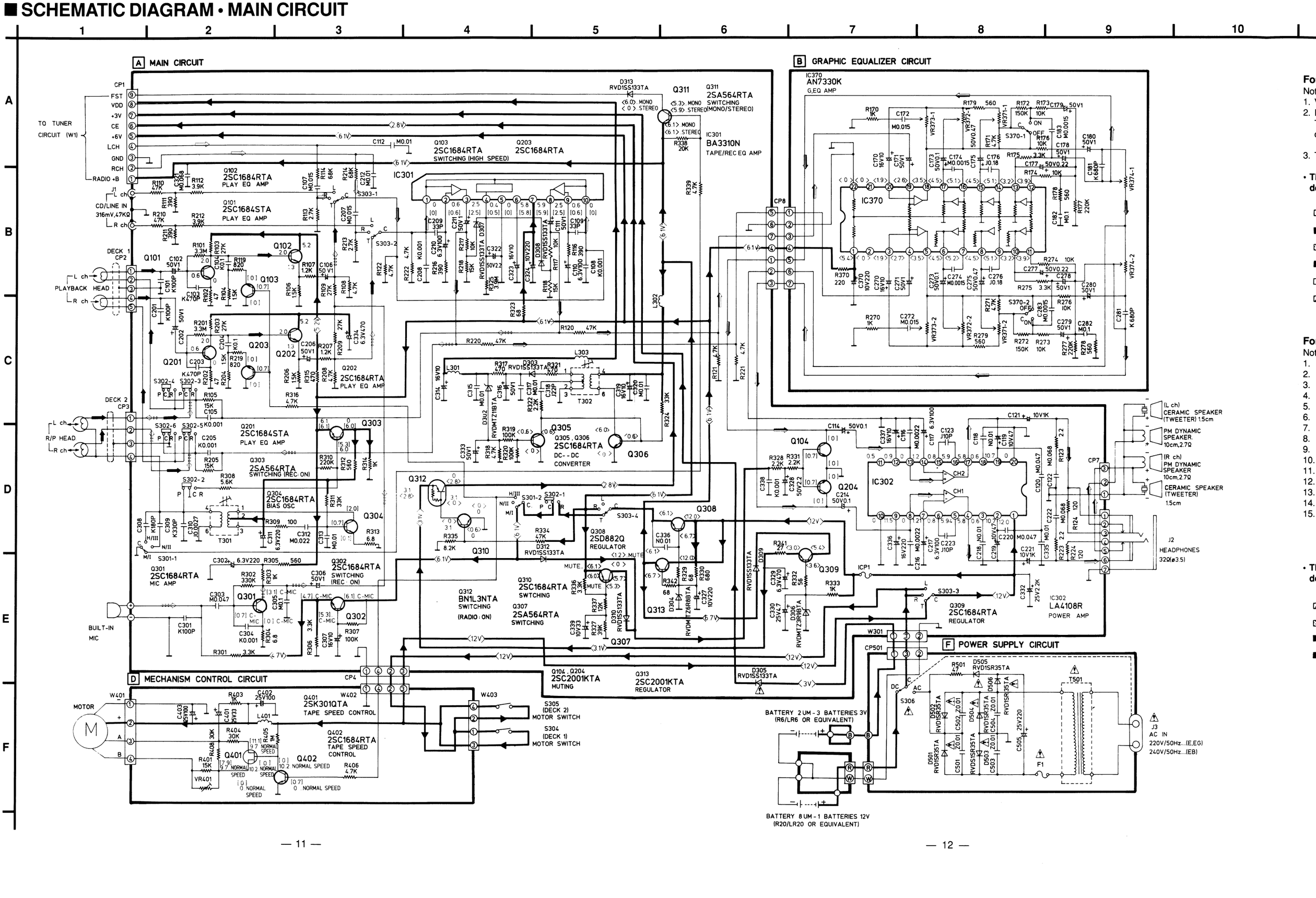
5 6 7 8 9 10 11 12 13 14



■ TERMINAL GUIDE OF IC'S, TRANSISTORS AND DIODES

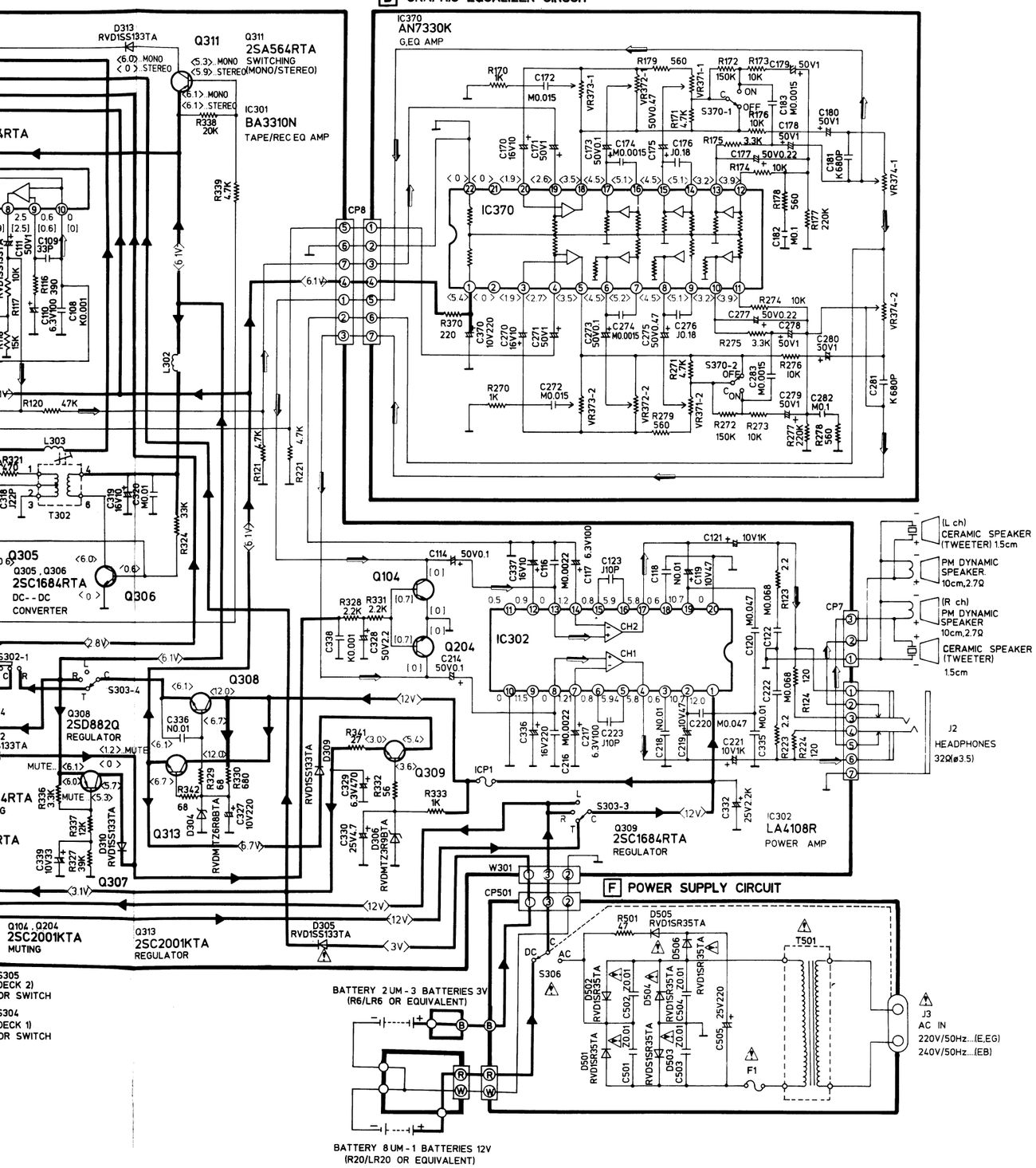
 IC1	 IC2	 IC3
 IC301	 IC302	 IC370
 IC600	Q1~3, 6~10, 12, 13, 101~104, 201~204, 301~307, 309~311, 313, 402	Q401
 Q308	 Q14 ~ 18, 5, 312 601, 602	 D3, 8 ~ 16, 303, 305, 307 ~ 310, 312, 313, 501 ~ 506, 600 ~ 603
 D302, 304, 306	 D1, 2	 D4 ~ 7

■ SCHEMATIC DIAGRAM • MAIN CIRCUIT


A MAIN CIRCUIT
B GRAPHIC EQUALIZER CIRCUIT
D MECHANISM CONTROL CIRCUIT
F POWER SUPPLY CIRCUIT
TO TUNER CIRCUIT (W1)
CD/LINE IN 316mV,47KΩ
DECK 1 CP2
PLAYBACK HEAD
DECK 2 CP3
R/P HEAD
BUILT-IN MIC
MOTOR
IC370 AN7330K G.EQ AMP
IC301 BA3310N TAPE/REC EQ AMP
IC302 LA4108R POWER AMP
Q101 2SC1684STA PLAY EQ AMP
Q102 2SC1684RTA PLAY EQ AMP
Q103 2SC1684RTA PLAY EQ AMP
Q201 2SC1684STA PLAY EQ AMP
Q202 2SC1684RTA PLAY EQ AMP
Q203 2SC1684RTA PLAY EQ AMP
Q301 2SC1684RTA MIC AMP
Q302 2SC1684RTA SWITCHING (REC ON)
Q303 2SA564RTA SWITCHING (REC ON)
Q304 2SC1684RTA BIAS OSC
Q305, Q306 2SC1684RTA DC--DC CONVERTER
Q307 2SA564RTA SWITCHING
Q308 2SD882Q REGULATOR
Q309 2SC1684RTA REGULATOR
Q310 2SC1684RTA SWTCHING
Q311 2SA564RTA SWITCHING (MONO/STEREO)
Q312 BN1L3NTA SWITCHING (RADIO : ON)
Q313 2SC2001KTA REGULATOR
Q401 2SK301QTA TAPE SPEED CONTROL
Q402 2SC1684RTA TAPE SPEED CONTROL
Q104, Q204 2SC2001KTA MUTING
D313 RVD1SS133TA
S303-1 S303-2 S303-3 S303-4
S305 (DECK 2) MOTOR SWITCH
S304 (DECK 1) MOTOR SWITCH
BATTERY 2 UM-3 BATTERIES 3V (R6/LR6 OR EQUIVALENT)
BATTERY 8 UM-1 BATTERIES 12V (R20/LR20 OR EQUIVALENT)
(L ch) CERAMIC SPEAKER (TWEETER) 1.5cm
PM DYNAMIC SPEAKER. 10cm,2.7Ω
(R ch) PM DYNAMIC SPEAKER 10cm,2.7Ω
CERAMIC SPEAKER (TWEETER) 1.5cm
J2 HEADPHONES 32Ω(ø3.5)
J3 AC IN 220V/50Hz...(E,EG) 240V/50Hz...(EB)

5 6 7 8 9 10 11 12 13 14

B GRAPHIC EQUALIZER CIRCUIT



For Tuner Circuit

Notes:

1. VR1 : FM VCO adjustment VR.
2. DC voltage measurements are taken with electronic voltmeter. The negative terminal of the battery provides negative meter connection point.
   < >... FM, ( )... MW/LW
3. The mark (■) shows test point e. g. TP1 = test point 1.

- **This schematic diagram may be modified at any time with the development of new technology.**

... FM SIGNAL LINE
... + B LINE
... FM OSC SIGNAL LINE
... FM/AM Vcap CONTROL LINE
... AM OSC SIGNAL LINE
... MW/LW SIGNAL LINE

For PLL Circuit

Notes:

1. S601 Memory channel switch. (M1)
2. S602 Memory channel switch. (M2)
3. S603 Memory channel switch. (M3)
4. S604 Memory channel switch. (M4)
5. S605 Memory channel switch. (M5)
6. S606 Memory channel switch. (M6)
7. S607 FM 1 band switch.
8. S608 FM 2 band switch.
9. S609 MW band switch.
10. S610 LW band switch.
11. S611 Manual/ Auto Scan tuning switch. (–)
12. S612 Manual/Auto Scan tuning switch. (+)
13. S613 Memory Scan switch.
14. S614 Memory Switch.
15. DC voltage measurements are taken with electronic voltmeter. The negative terminal of the battery provides negative meter connection point.
    < >... FM, ( )... MW/LW

- **This schematic diagram may be modified at any time with the development of new technology.**

... AM OSC SIGNAL LINE
... FM OSC SIGNAL LINE
... +B LINE
... FM/AM Vcap CONTROL LINE

For MAIN, GEQ, MECHANISM, POWER SUPPLY

Notes:

1. S301-1, S301-2: Editing/FM mode/Beat proof switch in "MIC/MONO/I" position. (M/I . . . MIC/MONO/I, N/II . . . NORMAL/STEREO/II, H/III ... HIGH/STEREO/III)
2. S302-1 ~ S302-6: Record/Playback switch in "PLAYBACK" position. (P . . . PLAYBACK, R . . . RECORD)
3. S303-1 ~ S303-3: Function selector switch in "TAPE/POWER OFF" position. (T . . . TAPE/POWER OFF, R . . . RADIO, L . . . CD/LINE IN)
4. S304: Deck 1 motor switch
5. S305: Deck 2 motor switch
6. S306: AC/DC select switch in "DC" position.
7. S370 : XBS Switch in "OFF" position.
8. VR371-1, VR371-2: Graphic equalizer control VR. (100 Hz)
9. VR372-1, VR372-2: Graphic equalizer control VR. (1 kHz)
10. VR373-1, VR373-2: Graphic equalizer control VR. (10 kHz)
11. VR374-1, VR374-2: Volume control VR.
12. VR401: Tape Speed VR.
13. DC voltage measurements are taken with electronic voltmeter. The negative terminal of the battery provides negative meter connection point.
    No mark . . . PLAYBACK, < >... FM, [ ]... RECORD
14. Battery Current: Vol. min . . . . . 201mA (FM Radio)
    140 mA (AM Radio)
    192 mA (Tape Playback)
    86 mA (CD/LINE)
    Vol. max . . . . . 640 mA (FM Radio)
    680 mA (AM Radio)
    900 mA (Tape Playback)
    930 mA (Record)
    780 mA (CD/LINE)
    Measurement instruction
    Radio: FM 60dB, 30% Mod.
    AM 74dB/m. 30% Mod.
    Tape: 315 Hz, 0dB
15. Important safety notice
    Components identified by ⚠ mark have special characteristics important safety. When replacing any of these components, use only manufacturer's specified parts.
16. The mark (■) shows test point e. g. TP1 = test point 1.

- **This schematic diagram may be modified at any time with the development of new technology.**

... FM SIGNAL LINE
... RECORD SIGNAL LINE
... + B LINE
... PLAYBACK SIGNAL LINE
... PLAYBACK/FM SIGNAL LINE

■ MEASUREMENTS AND ADJUSTMENTS

■ ALIGNMENT INSTRUCTIONS

READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT	
1. Set volume control to maximum. 2. Set Graphic E.Q. to center. 3. Set XBS Switch to "OFF". 4. Set band switch to LW, MW or FM. 5. Set function selector to radio or tape.	6. Set power source voltage to 12 V DC. 7. Set FM model/B.P. switch to STEREO/III. 8. Output of signal generator should be no higher than necessary to obtain an output reading.

■ AM-IF ALIGNMENT

SIGNAL GENERATOR OR SWEEP GENERATOR		RADIO DIAL SETTING	INDICATOR (ELECTRONIC VOLTMETER or OSCILLOSCOPE)	ADJUSTMENT (Refer to Fig. 1.)	REMARKS
CONNECTIONS	FREQUENCY				
Fashion a loop of several turns of wire and radiate a signal into the loop ant. of receiver.	459 kHz 30% Mod. at 400 Hz	Point of non-interference. (on/about 600kHz	Headphones Jack (32Ω) (Fabricate the plug as shown in Fig. 2. and then connect the lead wires of the plug to the measuring instrument.	T2 (AM IFT)	Adjust for maximum output.
LW-RF ALIGNMENT					
Fashion a loop of several turns of wire and radiate a signal into the loop ant. of receiver.	144 kHz	Tune to signal	TP11 ...(+) TP12 ...(−)	L6 (LW OSC Coil)	Adjust L6, for 1.3±0.05 V reading on DC voltmeter.
"	288 kHz	"	"	—	Check for 6.9±0.6 V reading on DC voltmeter.
"	162 kHz	"	Headphones Jack (32Ω) (Fabricate the plug as shown in Fig. 2. and then connect the lead wires of the plug to the measuring instrument.	(*1) L4-2 (LW ANT Coil)	Adjust for maximum output. Adjust L4-2 by moving coil along the ferrite core.
"	270 kHz	"	"	CT3 (LW ANT Trimmer)	Adjust for maximum output.
(*1) Fix antenna coil with wax after completing alignment.					
MW-RF ALIGNMENT					
Fashion a loop of several turns of wire and radiate a signal into the loop ant. of receiver.	522 kHz	Tune to signal	TP11 ...(+) TP12 ...(−)	L5 (MW OSC Coil)	Adjust L5, for 1.35±0.3 V reading on DC voltmeter.
"	1611 kHz	"	"	—	Check for 7.5±0.8 V reading on DC voltmeter.
"	603 kHz	"	Headphones Jack (32Ω) (Fabricate the plug as shown in Fig. 2. and then connect the lead wires of the plug to the measuring instrument.	(*1) L4-1 (MW ANT Coil)	Adjust for maximum output. Adjust L4-1 by moving coil along the ferrite core.
"	1404 kHz	"	"	CT2 (MW ANT Trimmer)	Adjust for maximum output.
(*1) Fix antenna coil with wax after completing alignment.					
FM-IF ALIGNMENT					
Connect to test point TP3 through ceramic capacitor (0.001 µF). Negative side to test point TP2.	10.7 MHz (SWEEP)	Point of interference (on/about 90 MHz)	Connect vert. amp. scope to test point TP4. Negative side to test point TP8.	T1 (FM 1st)	Adjust for maximum amplitude. (Refer to Fig. 3.)
"	"	"	"	T3 (FM 2nd)	Adjust for maximum amplitude. (Refer to Fig. 4.)

■ FM-RF ALIGNMENT

SIGNAL GENERATOR OR SWEEP GENERATOR		RADIO DIAL SETTING	INDICATOR (ELECTRONIC VOLTMETER or OSCILLOSCOPE)	ADJUSTMENT (Refer to Fig. 1.)	REMARKS
CONNECTIONS	FREQUENCY				
Connect to test point TP1 through FM dummy antenna. Negative side to test point TP2.	87.50 MHz	Tune to signal	TP11 ...(+) TP12 ...(−)	—	2.7±1.0 V
"	108.00 MHz	"	"	—	7.2 V±1.0 V
"	106.00 MHz	"	Headphones Jack (32Ω) (Fabricate the plug as shown in Fig. 2. and then connect the lead wires of the plug to the measuring instrument.	CT1 (FM ANT Trimmer)	(*2) Adjust for maximum output.
(*2) Four output responses will be present; proper tuning is the center frequency.					

■ SEPARATION ALIGNMENT

FM SIGNAL GENERATOR SOURCE CONNECTION	EQUIPMENT CONNECTION ELECTRONIC COUNTER	ADJUSTMENT	SPECIFICATION	REMARKS
98 MHz, 60 dB (CW) Connect to test point TP1 through FM dummy antenna. Negative side to TP2.	TP6 . . . (+) TP5 . . . (−)	VR1	19 kHz	Adjust VR1, for 19 kHz ± 50 Hz reading on frequency counter.

■ HEAD AZIMUTH ALIGNMENT

TEST TAPE	EQUIPMENT CONNECTION ELECTRONIC COUNTER	ADJUSTMENT	SPECIFICATION	REMARKS
QZZ CABR (8 kHz)	Headphones Jack (32Ω) (Fabricate the plug as shown in Fig. 2. and then connect the lead wires of the plug to the measuring instrument.	Azimuth screw Shown in Fig. 5)	Maximum output	• Playback mode.

■ TAPE SPEED ADJUSTMENT

TEST TAPE	EQUIPMENT CONNECTION ELECTRONIC COUNTER	ADJUSTMENT	REMARKS
QZZCWAT (3 kHz)	Headphones Jack (32Ω) (Fabricate the plug as shown in Fig. 2. and then connect the lead wires of the plug to the measuring instrument.	VR401 (Shown in Fig. 6)	**Normal Speed Adjustment** 1. Insert a test tape (QZZCWAT) in Tape 2 and play it back. 2. Adjust VR501 until the measured value becomes 3000±30 Hz. 3. Check Tape 1 in the same way to make sure it satisfies the specification. Tape 1 . . . ±50 Hz of the speed of Tape 2. If it doesn't repeat steps 1 and 2 above. **Note:** This set uses one drive motor, so be sure to perform the adjustment in Tape 2. **High Speed Measurement** 4. Insert the playback tape into Tape 1 and the editing tape into Tape 2. 5. Set the Editing Mode Selector to the "HIGH" position. 6. Press the Tape 2 Pause button, then press the Record Button. 7. Press the Tape 1 Playback Button. • Editing is started by means of the Synchro-Start function. 8. Check to be sure that the measured speed must be higher than 5.1 kHz.

■ ALIGNMENT POINT

• Please refer to Circuit Board and Wiring Connection Diagram for test point locations.

TUNER P.C.B.

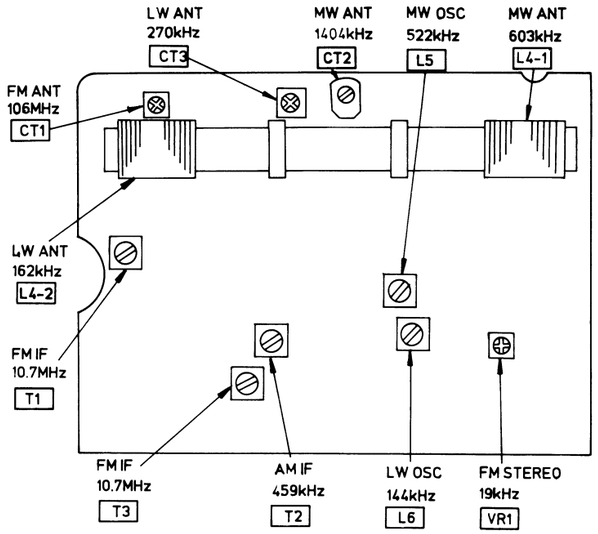


Fig. 1

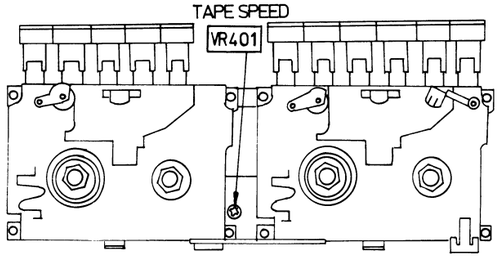


Fig. 6

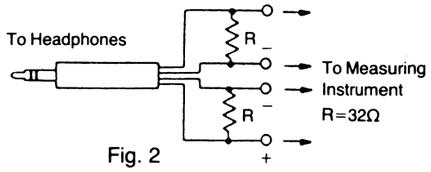


Fig. 2

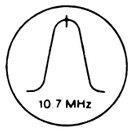


Fig. 3

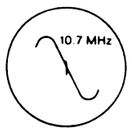


Fig. 4

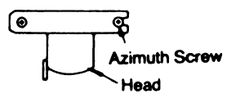
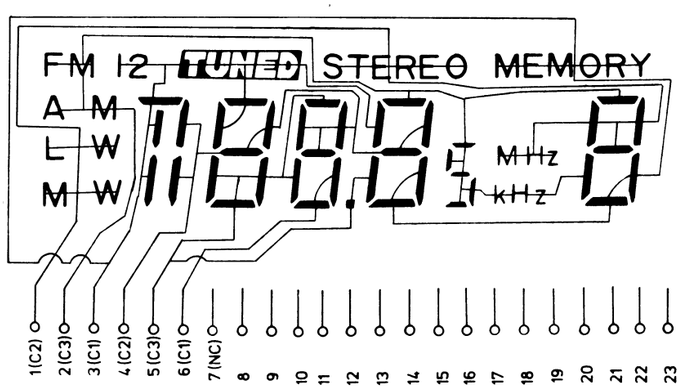
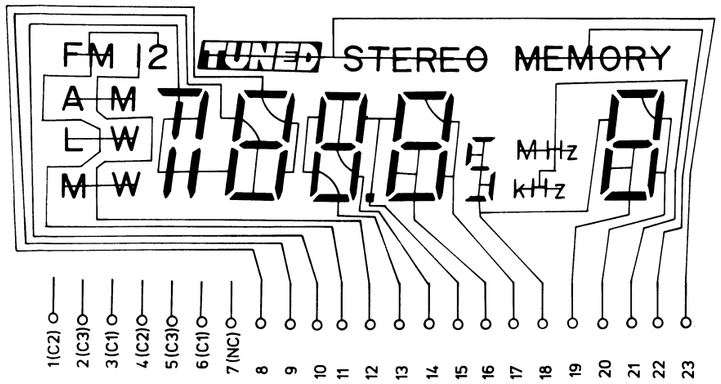


Fig. 5

■ INTERNAL CONNECTIONS OF LCD (Liquid Crystal Display)



COMMON

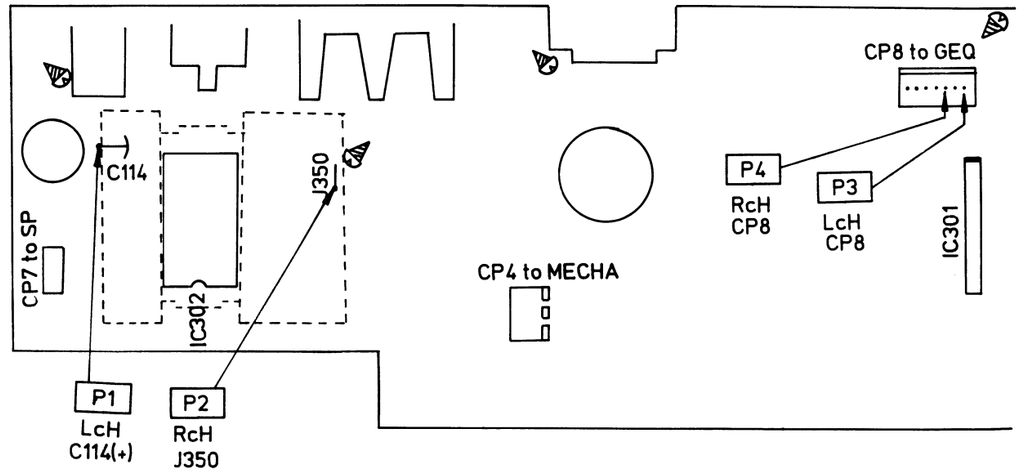


SEGMENT

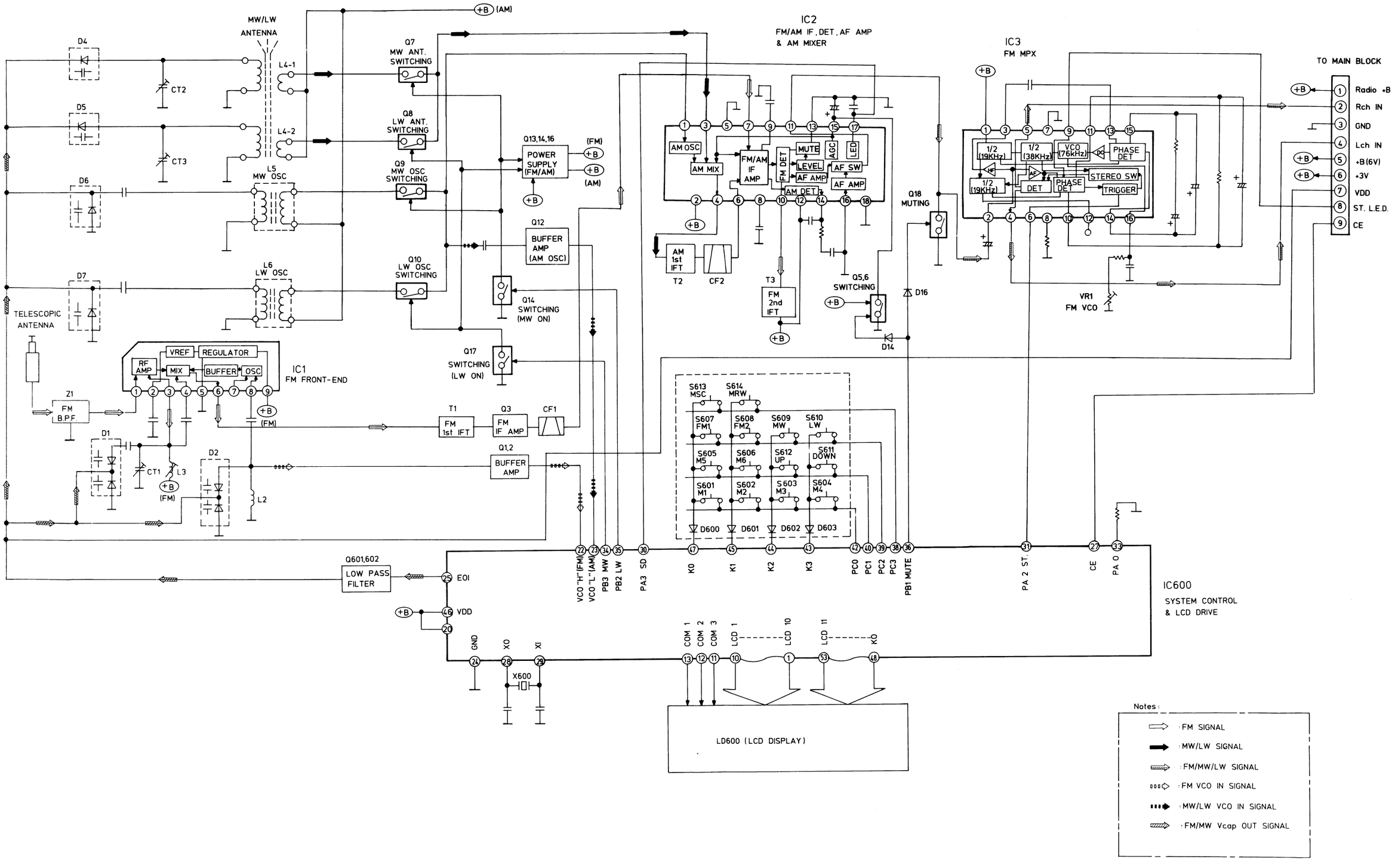
■ IC OPERATION CHECKING METHODS

• IC 302: LA4108R

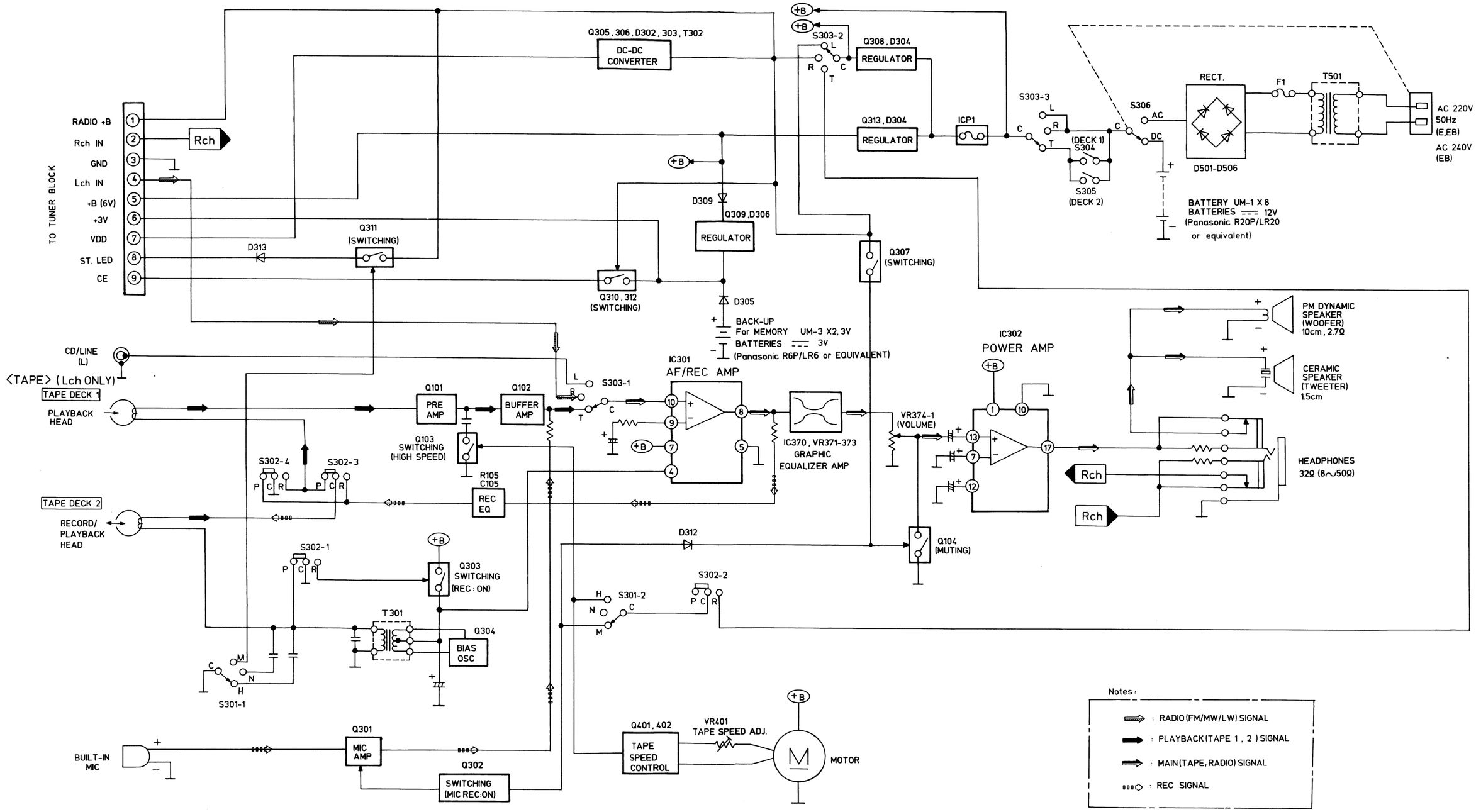
1. Check the operation of the power IC by touching the points (P1, P2) using a pair of tweezers. If a long "boo" sound is produced, operation of the power IC is normal.
2. With the mechanism removed, follow the previous method by touching the GEQ input connector points (P3, P4) to check the operation of the power IC.



■ BLOCK DIAGRAM • TUNER AND PLL CIRCUIT

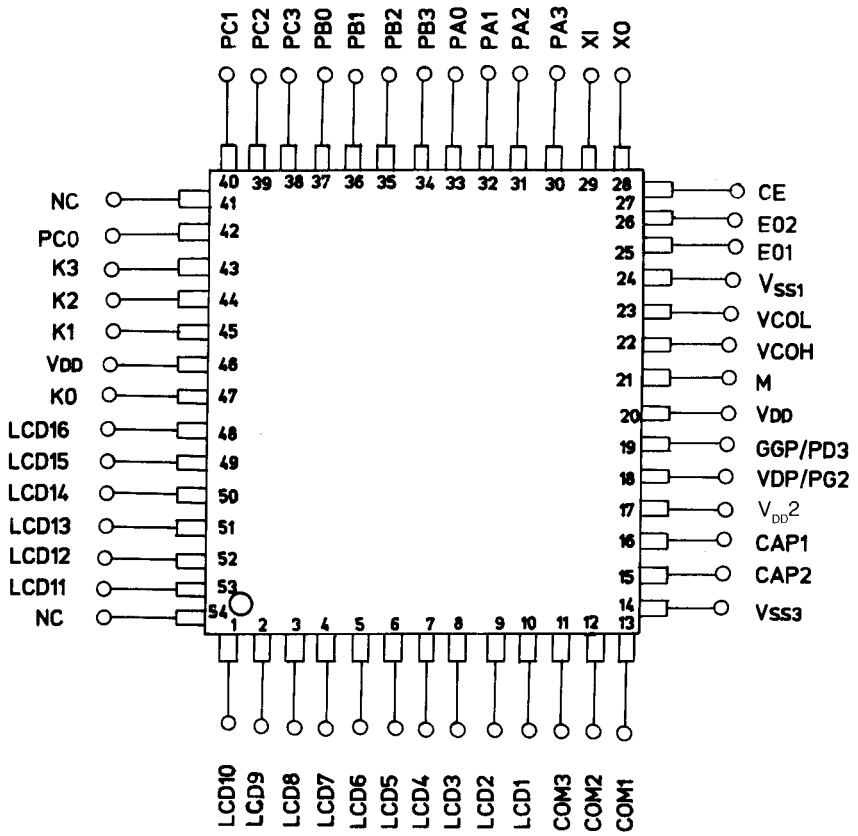


■ BLOCK DIAGRAM • MAIN CIRCUIT



■ FUNCTIONS OF IC TERMINALS

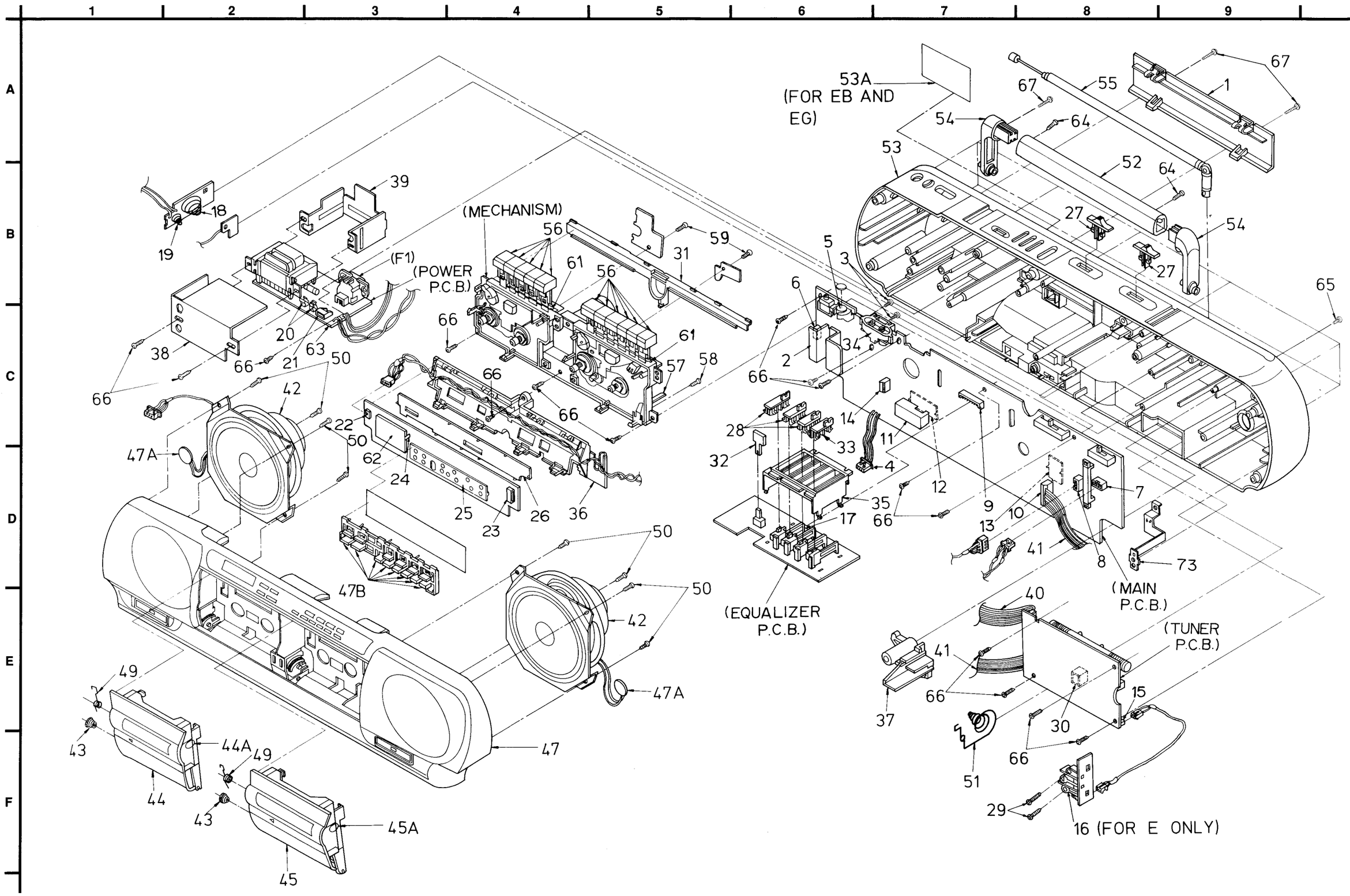
• IC 600: UPD1715G625 (PLL)



Terminal No.	Terminal Symbol	Description	Function
1 ~ 10	LCD1 ~ LCD10	LCD Segment Outputs	These terminals output the signals for the control of the LCDs.
11	COM3	LCD Common Outputs	These terminals output the signals for the control of the LCDs.
12	COM2		
13	COM1		
14	$V_{SS}3$	Power input terminals for LCD driver	Intermediate voltage output terminals for LCD. In this model, capacitor is to stabilize the intermediate voltage.
15	CAP2		
16	CAP1		
17	V_{DD2}		
18	PG2	No connection	—
19	PD3		
20, 46	V_{DD}	Power Supply	To be connected to +B power supply.
21	M	Divider select signal input	High Level . . . . 1/4 divider ratio. Low Level . . . . 1/2 divider ratio.
22	VCOH	FM Local Oscillation signal input	INPUT is FM local oscillator. OUTPUT in a range 10 ~ 130 MHz (0.1 $V_{p\text{-}p}$, min). There are 1/4 fixed frequency division prescaler and 2-step (1/32, 1/32) prescaler internally. Therefore, when deciding the frequency dividing value of programmable divider, it must be decided from the frequency obtained by halving the local oscillator output.

Terminal No.	Terminal Symbol	Description	Function
23	VCOL	AM Local Oscillation signal input	INPUT is AM local oscillator. OUTPUT in a range of 0.4 ~ 40 MHz (0.2 $V_{p\text{-}p}$, min), when the mode is shifted to FM.
24	$V_{SS}1$	GND	Ground terminal.
25	EO1	Error Output	The output signal changes according to the received frequency. The signal output from this terminal control the signal output from the active low-pass filters (Q601, Q602) and change the voltage charge on the variable capacitor, diodes (D1, D2, D4 ~ 7) in the tuning and oscillation FM and AM circuits to control the received frequency.
26	EO2	No connection	—
27	CE	Device selection signal input	The signal level should be high when the device is operated and low when not operated. With this terminal shifted to low level, LCD (Liquid Crystal Display) turns off and the memory is held.
28	XO	Connecting terminal for crystal oscillator	These terminals are connected to the crystal oscillator to generate the clock signal that is the basic frequency of the IC. (f = 75 kHz)
29	XI		
30	PA3 $\overline{SD}$	Auto stop signal input	Terminal to input stop signal during auto tuning. The High level with broadcast received and Low level without broadcast received.
31	PA2 $\overline{ST}$	FM stereo signal input	During the reception of FM stereo broadcasts a signal at Low level is input to this terminal from IC3 Pin 6.
32	PA1 $\overline{BATT}$	Battery check input	Battery 3V check input terminal.
33	PA0 $\overline{TAPE}$	—	—
34	PB3 MW	Band select output	This terminal outputs a signal at High level when the band setting is switched over to MW.
35	PB2 LW	Band select output	This terminal outputs a signal at High level when the band setting is switched over to LW.
36	PB1 MUTE	Muting signal output	During tuning this terminal outputs a High level signal to set Q6, Q18 on a muting in operation.
37 ~ 40, 42	PB0 ~ PB3	Key matrix signal output	Output terminals of the key matrix signals.
41	NC	—	—
43 ~ 45, 47	K0 ~ K3	Key return signal input	Input terminals of the key matrix signals.
48 ~ 53	LCD11 ~ LCD16	LCD Segment output	These terminals output the signal for the control of the LCDs.
54	NC	—	—

■ CABINET PARTS LOCATION

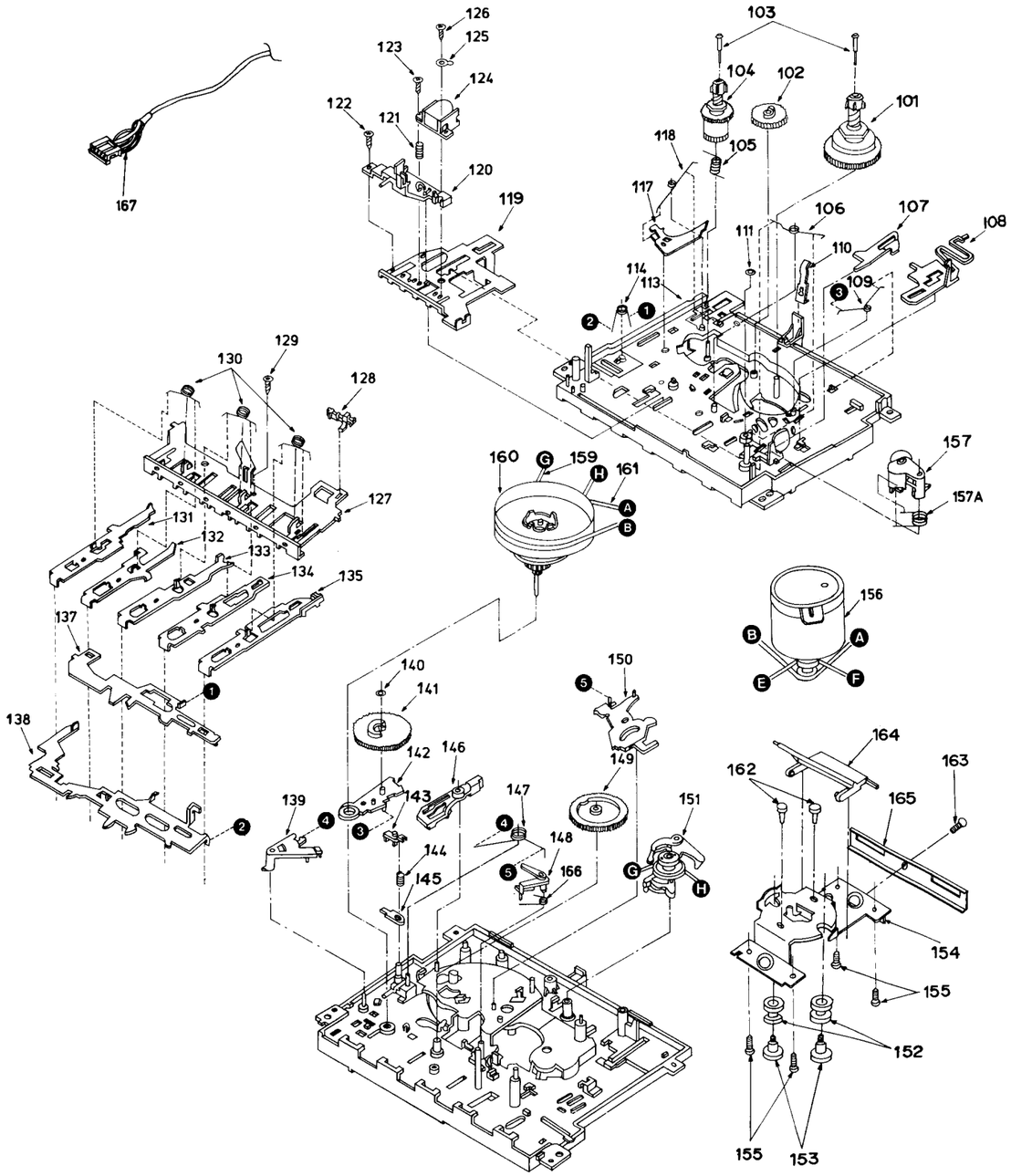


■ MECHANISM PARTS LOCATION

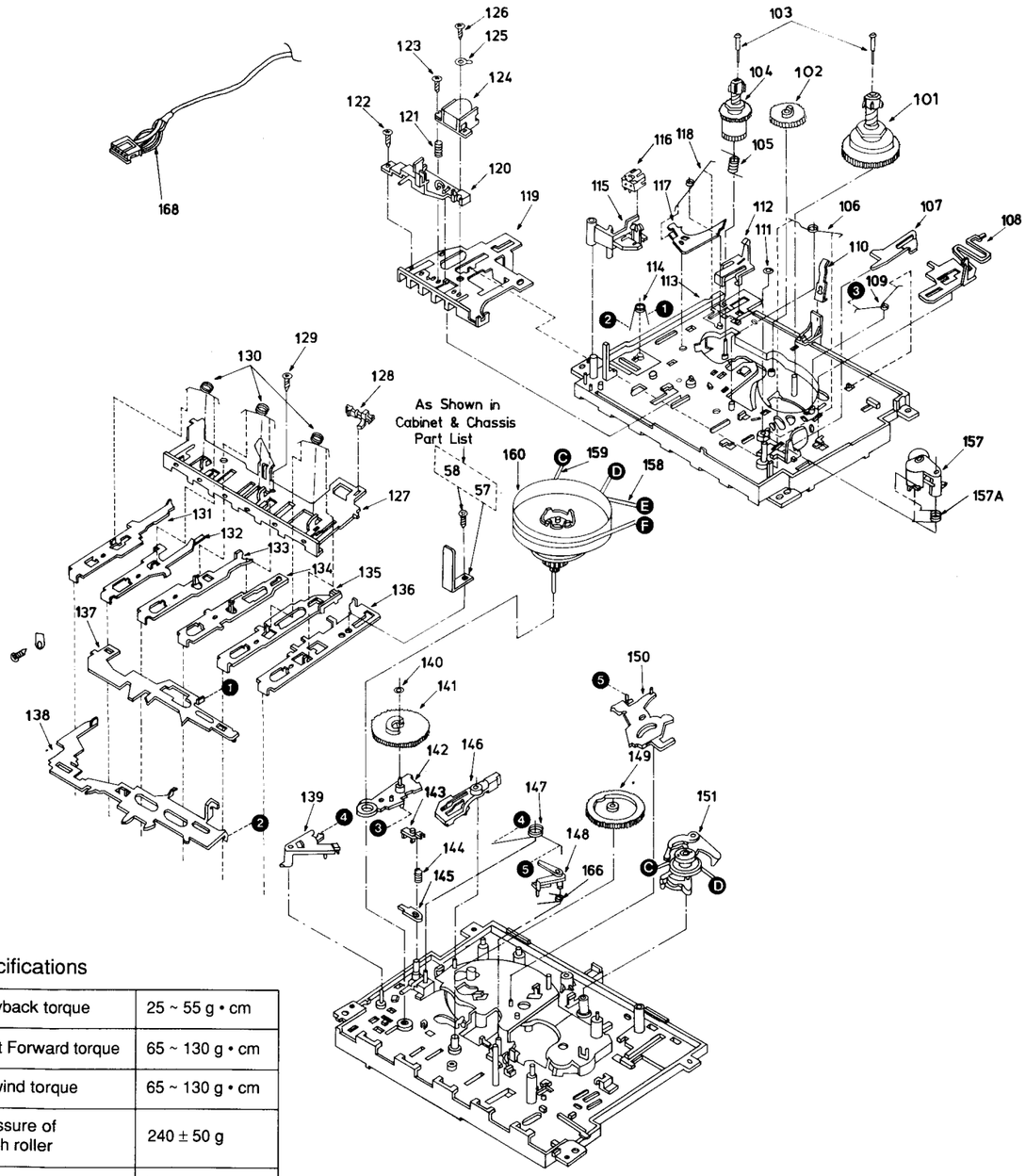
1 2 3 4 5 6 7 8 9

A B C D E F

DECK 1 (For Playback/Auto Reverse



DECK 2 (For Recording and Playback)

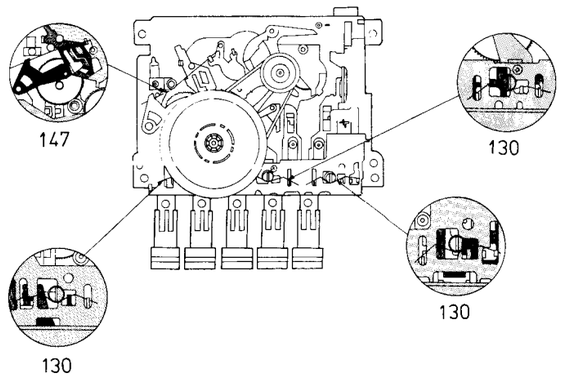


Specifications

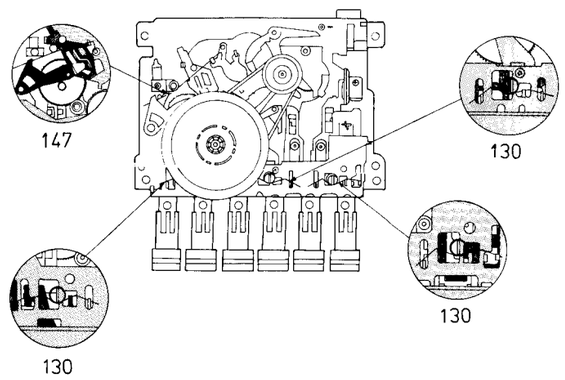
Playback torque	25 ~ 55 g • cm
Fast Forward torque	65 ~ 130 g • cm
Rewind torque	65 ~ 130 g • cm
Pressure of pinch roller	240 ± 50 g
Wow and flutter	Less than 0.25% (WRMS)

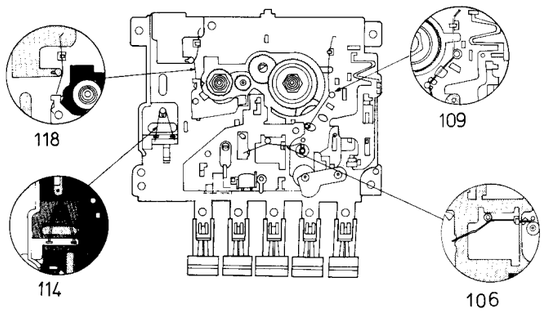
■ SPRING LOCATION

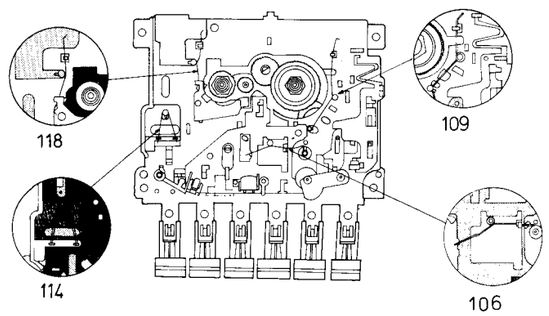
<DECK 1>



<DECK 2>

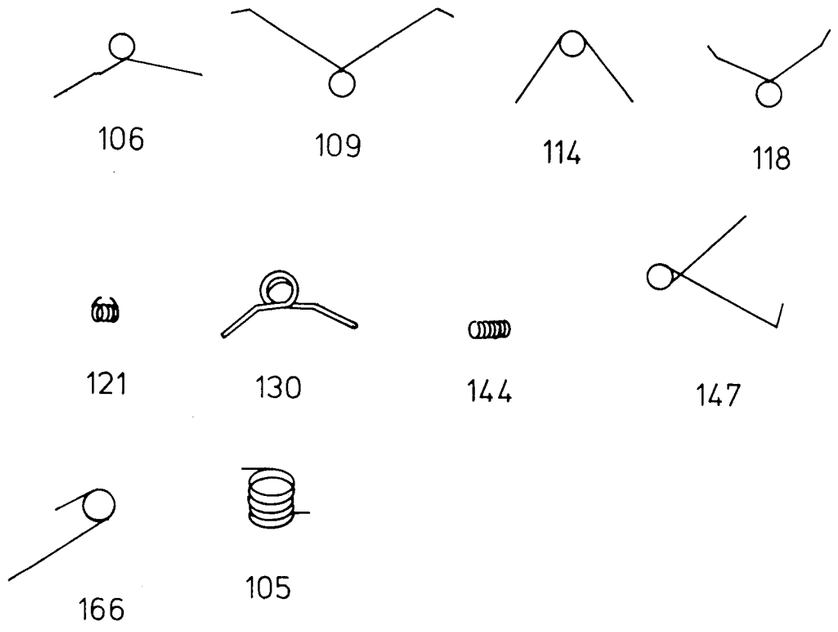






■ SPRING ILLUSTRATION

The illustration shows the actual size of the springs so it can be used to check their shapes.
(The illustration shows the springs separated from the mechanism).



■ REPLACEMENT PARTS LIST

Notes : * Important safety notice:
Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these componets use only manufacturer's specified parts.
* The Parenthesized indications in the remarks columns specify the area. (Refer to the cover page for area.)
Parts without these indications can be used for all areas.
* [M] Indicates in the remarks columns parts that are supplied by **MESA**.

Ref. No.	Part No.	Part Name &Description	Remarks
		INTEGRATED CIRCUITS	
IC1	RVITA7358P	I.C. FM FRONT END	
IC2	BA4236L	I.C. FM/AM IF	
IC3	RVIBA1332L	I.C. FM MPX	
IC301	BA3310N	I.C. TAPE/REC EQ AMP	
IC302	LA4108R	I.C. POWER AMP	
IC370	AN7330K	I.C. G.EQ AMP	
IC600	UPD1715G625	I.C. PLL CONTROL	[M]
		TRANSISTORS	
Q1	2SC1047CTA	TRANSISTOR	
Q2	2SC1047CTA	TRANSISTOR	
Q3	2SC829BTA	TRANSISTOR	
Q5	BA1L4MTA	TRANSISTOR	[M]
Q6	2SC829BTA	TRANSISTOR	
Q7	2SA564RTA	TRANSISTOR	
Q8	2SA564RTA	TRANSISTOR	
Q9	2SA720S	TRANSISTOR	
Q10	2SA564RTA	TRANSISTOR	
Q12	2SC829BTA	TRANSISTOR	
Q13	2SA564RTA	TRANSISTOR	
Q14	BN1A4MTA	TRANSISTOR	[M]
Q15	BA1A4ZTA	TRANSISTOR	[M]
Q16	BN1A4MTA	TRANSISTOR	[M]
Q17	BA1A4ZTA	TRANSISTOR	[M]
Q18	BA1A4ZTA	TRANSISTOR	[M]
Q101	2SC1684STA	TRANSISTOR	
Q102	2SC1684RTA	TRANSISTOR	
Q103	2SC1684RTA	TRANSISTOR	
Q104	2SC2001KTA	TRANSISTOR	
Q201	2SC1684STA	TRANSISTOR	
Q202	2SC1684RTA	TRANSISTOR	
Q203	2SC1684RTA	TRANSISTOR	
Q204	2SC2001KTA	TRANSISTOR	
Q301	2SC1684RTA	TRANSISTOR	
Q302	2SC1684RTA	TRANSISTOR	
Q303	2SA564RTA	TRANSISTOR	
Q304	2SC1684RTA	TRANSISTOR	
Q305	2SC1684RTA	TRANSISTOR	
Q306	2SC1684RTA	TRANSISTOR	
Q307	2SA564RTA	TRANSISTOR	
Q308	2SD882Q	TRANSISTOR	
Q309	2SC1684RTA	TRANSISTOR	
Q310	2SC1684RTA	TRANSISTOR	
Q311	2SA564RTA	TRANSISTOR	
Q312	BN1L3NTA	TRANSISTOR	
Q313	2SC2001KTA	TRANSISTOR	
Q401	2SK301QTA	TRANSISTOR	[M]
Q402	2SC1684RTA	TRANSISTOR	
Q601	2SC2784E	TRANSISTOR	
Q602	2SC2784E	TRANSISTOR	

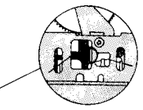
Ref. No.	Part No.	Part Name &Description	Remarks
		DIODES	
D1	1SV147T4MATU	DIODE	
D2	1SV147T4MATU	DIODE	
D3	RVD1SS133TA	DIODE	
D4	RVDSVC321	DIODE	
D5	RVDSVC321	DIODE	
D6	RVDSVC321	DIODE	
D7	RVDSVC321	DIODE	
D8	RVD1SS133TA	DIODE	
D9	RVD1SS133TA	DIODE	
D10	RVD1SS133TA	DIODE	
D11	RVD1SS133TA	DIODE	
D12	RVD1SS133TA	DIODE	
D13	RVD1SS133TA	DIODE	
D14	RVD1SS133TA	DIODE	
D15	RVD1SS133TA	DIODE	
D16	RVD1SS133TA	DIODE	
D302	RVDMTZ11BTA	DIODE	
D303	RVD1SS133TA	DIODE	
D304	RVDMTZ6R8BTA	DIODE	
D305	RVD1SS133TA	DIODE	
D306	RVDMTZ3R9BTA	DIODE	[M]
D307	RVD1SS133TA	DIODE	
D308	RVD1SS133TA	DIODE	
D309	RVD1SS133TA	DIODE	
D310	RVD1SS133TA	DIODE	
D312	RVD1SS133TA	DIODE	
D313	RVD1SS133TA	DIODE	
D501	RVD1SR35TA	DIODE	
D502	RVD1SR35TA	DIODE	
D503	RVD1SR35TA	DIODE	
D504	RVD1SR35TA	DIODE	
D505	RVD1SR35TA	DIODE	
D506	RVD1SR35TA	DIODE	
D600	RVD1SS133TA	DIODE	
D601	RVD1SS133TA	DIODE	
D602	RVD1SS133TA	DIODE	
D603	RVD1SS133TA	DIODE	
		VARIABLE RESISTORS	
VR1	EVNDXAA00B14	V. R.	
VR371	RRV20T02G54A	V. R.	[M]
VR372	RRV20T02G54A	V. R.	[M]
VR373	RRV20T02G54A	V. R.	[M]
VR374	RRV20R01B54A	V. R.	[M]
VR401	EVNDXAA00B24	V. R.	
		VARIABLE CAPACITORS	
CT1	ECRLA010A53R	TRIMMER CAPACITOR	
CT2	RCV10AF1T-S	TRIMMER CAPACITOR	
CT3	ECRLA030E53R	TRIMMER CAPACITOR	

Ref. No.
L1
L2
L4
L5
L6
L8
L9
L10
L301
L302
L303
L401
L601
T1
T2
T3
T301
T302
T501
T501
CF1
CF2
Z1
S301
S302

Ref. No.
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

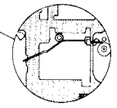
■ REPLACEMENT PARTS LIST

Notes : * Important safety notice:
Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these componets use only manufacturer's specified parts.
* The Parenthesized indications in the remarks columns specify the area. (Refer to the cover page for area.)
Parts without these indications can be used for all areas.
* [M] Indicates in the remarks columns parts that are supplied by **MESA**.


130

130

109


106

Ref. No.	Part No.	Part Name &Description	Remarks
		INTEGRATED CIRCUITS	
IC1	RVITA7358P	I.C. FM FRONT END	
IC2	BA4236L	I.C. FM/AM IF	
IC3	RVIBA1332L	I.C. FM MPX	
IC301	BA3310N	I.C. TAPE/REC EQ AMP	
IC302	LA4108R	I.C. POWER AMP	
IC370	AN7330K	I.C. G.EQ AMP	
IC600	UPD1715G625	I.C. PLL CONTROL	[M]
		TRANSISTORS	
Q1	2SC1047CTA	TRANSISTOR	
Q2	2SC1047CTA	TRANSISTOR	
Q3	2SC829BTA	TRANSISTOR	
Q5	BA1L4MTA	TRANSISTOR	[M]
Q6	2SC829BTA	TRANSISTOR	
Q7	2SA564RTA	TRANSISTOR	
Q8	2SA564RTA	TRANSISTOR	
Q9	2SA720S	TRANSISTOR	
Q10	2SA564RTA	TRANSISTOR	
Q12	2SC829BTA	TRANSISTOR	
Q13	2SA564RTA	TRANSISTOR	
Q14	BN1A4MTA	TRANSISTOR	[M]
Q15	BA1A4ZTA	TRANSISTOR	[M]
Q16	BN1A4MTA	TRANSISTOR	[M]
Q17	BA1A4ZTA	TRANSISTOR	[M]
Q18	BA1A4ZTA	TRANSISTOR	[M]
Q101	2SC1684STA	TRANSISTOR	
Q102	2SC1684RTA	TRANSISTOR	
Q103	2SC1684RTA	TRANSISTOR	
Q104	2SC2001KTA	TRANSISTOR	
Q201	2SC1684STA	TRANSISTOR	
Q202	2SC1684RTA	TRANSISTOR	
Q203	2SC1684RTA	TRANSISTOR	
Q204	2SC2001KTA	TRANSISTOR	
Q301	2SC1684RTA	TRANSISTOR	
Q302	2SC1684RTA	TRANSISTOR	
Q303	2SA564RTA	TRANSISTOR	
Q304	2SC1684RTA	TRANSISTOR	
Q305	2SC1684RTA	TRANSISTOR	
Q306	2SC1684RTA	TRANSISTOR	
Q307	2SA564RTA	TRANSISTOR	
Q308	2SD882Q	TRANSISTOR	
Q309	2SC1684RTA	TRANSISTOR	
Q310	2SC1684RTA	TRANSISTOR	
Q311	2SA564RTA	TRANSISTOR	
Q312	BN1L3NTA	TRANSISTOR	
Q313	2SC2001KTA	TRANSISTOR	
Q401	2SK301QTA	TRANSISTOR	[M]
Q402	2SC1684RTA	TRANSISTOR	
Q601	2SC2784E	TRANSISTOR	
Q602	2SC2784E	TRANSISTOR	

Ref. No.	Part No.	Part Name &Description	Remarks
		DIODES	
D1	1SV147T4MATU	DIODE	
D2	1SV147T4MATU	DIODE	
D3	RVD1SS133TA	DIODE	
D4	RVDSVC321	DIODE	
D5	RVDSVC321	DIODE	
D6	RVDSVC321	DIODE	
D7	RVDSVC321	DIODE	
D8	RVD1SS133TA	DIODE	
D9	RVD1SS133TA	DIODE	
D10	RVD1SS133TA	DIODE	
D11	RVD1SS133TA	DIODE	
D12	RVD1SS133TA	DIODE	
D13	RVD1SS133TA	DIODE	
D14	RVD1SS133TA	DIODE	
D15	RVD1SS133TA	DIODE	
D16	RVD1SS133TA	DIODE	
D302	RVDMTZ11BTA	DIODE	
D303	RVD1SS133TA	DIODE	
D304	RVDMTZ6R8BTA	DIODE	
D305	RVD1SS133TA	DIODE	
D306	RVDMTZ3R9BTA	DIODE	[M]
D307	RVD1SS133TA	DIODE	
D308	RVD1SS133TA	DIODE	
D309	RVD1SS133TA	DIODE	
D310	RVD1SS133TA	DIODE	
D312	RVD1SS133TA	DIODE	
D313	RVD1SS133TA	DIODE	
D501	RVD1SR35TA	DIODE	
D502	RVD1SR35TA	DIODE	
D503	RVD1SR35TA	DIODE	
D504	RVD1SR35TA	DIODE	
D505	RVD1SR35TA	DIODE	
D506	RVD1SR35TA	DIODE	
D600	RVD1SS133TA	DIODE	
D601	RVD1SS133TA	DIODE	
D602	RVD1SS133TA	DIODE	
D603	RVD1SS133TA	DIODE	
		VARIABLE RESISTORS	
VR1	EVNDXAA00B14	V. R.	
VR371	RRV20T02G54A	V. R.	[M]
VR372	RRV20T02G54A	V. R.	[M]
VR373	RRV20T02G54A	V. R.	[M]
VR374	RRV20R01B54A	V. R.	[M]
VR401	EVNDXAA00B24	V. R.	
		VARIABLE CAPACITORS	
CT1	ECRLA010A53R	TRIMMER CAPACITOR	
CT2	RCV10AF1T-S	TRIMMER CAPACITOR	
CT3	ECRLA030E53R	TRIMMER CAPACITOR	

Ref. No.	Part No.	Part Name &Description	Remarks
		COILS AND TRANSFORMERS	
L1	RLQY25S5	COIL	
L2	RL04Y116	COIL	[M]
L4	RLF6W14-0	COIL	[M]
L5	RL02B125-M	COIL	[M]
L6	RL01B15-M	COIL	[M]
L8	RLQY30S4W-0	COIL	(E)
L9	RLQZB100KT-D	COIL	
L10	RLQZB101KT-D	COIL	
L301	RLQZB100KT-D	COIL	
L302	RLQZB221KT-D	COIL	
L303	RLQZB101KT-D	COIL	
L401	RLQZB470KT-D	COIL	
L601	RLQZP101KT-Y	COIL	
T1	RLI4B153-M	I.F. TRANSFORMER	
T2	RLI2B468-M	I.F. TRANSFORMER	[M]
T3	RLI4B153-M	I.F. TRANSFORMER	
T301	RL09B17-T	COIL	
T302	RL09B18-M	COIL	
T501	RTP1L1E002-X	POWER TRANSFORMER	(E, EG)⚠ [M]
T501	RTP1L1B002-X	POWER TRANSFORMER	(EB)⚠ [M]
		FILTERS	
CF1	RLFFETWNA01L	CERAMIC FILTER	
CF2	RVFSFZ459HL3	CERAMIC FILTER	[M]
		FUSE	
F1	XBA2C16TB0	FUSE (250V 1.6A)	⚠
ICP 1	RAHICPN5TA	FUSE (SEMI-CONDUCTOR)	
		COMPONENT COMBINATION	
Z1	RXABPMB6AT	COMPONENT COMBINATION	
		SWITCHES	
S301	RSS3B45XA-H	SW. EDIT/FM MODE	[M]
S302	RSH2F18ZA-A	SW. R/P	
S303	RSS3D001-H	SW. FUNCTION	[M]
S304	RSH1A006-U	SW. LEAF	[M]
S370	ESB6483	SW. XBS	[M]
S601	EVQ21405R	SW. TACK	
S602	EVQ21405R	SW. TACK	
S603	EVQ21405R	SW. TACK	
S604	EVQ21405R	SW. TACK	
S605	EVQ21405R	SW. TACK	
S606	EVQ21405R	SW. TACK	
S607	EVQ21405R	SW. TACK	
S608	EVQ21405R	SW. TACK	
S609	EVQ21405R	SW. TACK	
S610	EVQ21405R	SW. TACK	
S611	EVQ21405R	SW. TACK	
S612	EVQ21405R	SW. TACK	
S613	EVQ21405R	SW. TACK	
S614	EVQ21405R	SW. TACK	
		JACKS	
J1	RJF1099ZA	JACK, CD LINE IN	
J2	RJJD7S2YA-C	JACK, HEADPHONES	
J3	RJJ1SE01-H	JACK, W/SW	⚠
		OSCILLATOR(S)	
X600	RSXD75K0F01	OSCILLATOR	[M]
		PACKING MATERIAL	
P1	RPH658ZA	MIRAMAT SHEET	[M]
P2	RPK0136	GIFT BOX	[M]
P3	RPN0323	PAD	[M]
P4	RPN0388	SPACER	[M]
		ACCESSORIES	
A1	RJA20ZD-K	POWER CORD	(E, EG)⚠
A1	RJA86ZB-K	POWER CORD	(EB)⚠
A2	RFKSXFT600EK	INSTRUCTION MANUAL ASSY	(E) [M]
A2	RQT0391-G	INSTRUCTION MANUAL	(EB, EG) [M]

Ref. No.	Part No.	Part Name &Description	Remarks
		CABINET AND CHASSIS	
1	RKK318ZC-0	BATTERY COVER	[M]
2	RMY242ZA	RADIATOR	[M]
3	XTV3+8F	SCREW	
4	REX0186	WIRE CONNECTOR	[M]
5	RJM164YA	C. MICROPHONE	[M]
6	RJP3G4YA	SP 3P POST	
7	RJP4G18ZA	HEAD 4P POST	
8	RJP5G18ZA	HEAD SP POST	
9	RJP7G11ZA	GEQ POST	
10	RJS9T4ZA	SOCKET	
11	RMC1227ZA	SHIELD COVER	[M]
12	RMC1228ZA	SHIELD COVER	[M]
13	RMC228ZA	SHIELD COVER	[M]
14	SJT30443-V	CONNECTOR	
15	RJP2G18ZA	CONNECTOR	[M]
16	RJS1A4702	SOCKET	(E) [M]
17	RJS7M3ZA	CONNECTOR	
18	RMBX0002	SPRING	
19	RJC70031YA	SPRING	[M]
20	RJF28Z	FUSE HOLDER	⚠
21	RJP3G9Y	CONNECTOR (3P)	
22	RJP4G17ZA	CONNECTOR (4P)	[M]
23	RJS9T7ZA	SOCKET (10P)	[M]
24	RMN0073	LCD HOLDER	[M]
25	RSC0107	SHIELD PLATE	[M]
26	RSC0108	SHIELD PLATE	[M]
27	RBD563ZA-0	SLIDE KNOB	[M]
28	RBD566ZB-0	KNOB	
29	XTN3+20G	SCREW	
30	RMC1028ZA	SHIELD COVER	
31	RGQ0040-K	COVER CHASSIS	[M]
32	RGU0365-R	XBS BUTTON	[M]
33	RGV0046-K	KNOB VOLUME	[M]
34	RJF0003-K	COVER	[M]
35	RMK0091-K	GEQ CHASSIS	[M]
36	RMK0092	HOLDER	[M]

Ref. No.	Part No.	Part Name &Description	Remarks
		CABINET AND CHASSIS	
37	RML0169	R/P LEVER	[M]
38	RSC0109	SHIELD PLATE	[M]
39	RSC0119	SHIELD PLATE	[M]
40	RWJ0209150QQ	FLAT CABLE	[M]
41	RWJ0209230QQ	FLAT CABLE	[M]
42	EAS10P532K-G	SPEAKER	[M]
43	RDG5874ZB	GEAR	[M]
44	RFKLXFT600E1	CASSETTE LID ASS'Y (L)	[M]
44A	RUS527YA	SPRING	
45	RFKLXFT600E2	CASSETTE LID ASS'Y (R)	[M]
45A	RUS527YA	SPRING	
47	RFKGXFT600EK	FRONT CABINET ASS'Y	[M]
47A	RAT0004	TWEETER	[M]
47B	RGU0364-K	BUTTON	[M]
49	RMB0115	SPRING	[M]
50	XTV3+10G	SCREW	
51	RJC931ZC	BATTERY SPRING	
52	RKH0011-K	HANDLE BAR	[M]
53	RFKHXFT600EK	REAR CABINET ASS'Y	(E) [M]
53	RFKHXFT600EB	REAR CABINET ASS'Y	(EB) [M]
53A	RGN0234-K	NAME PLATE	(EB) [M]
53	RFKHXFT600EG	REAR CABINET ASS'Y	(EG) [M]
53B	RGN0234A-K	NAME PLATE	(EG) [M]
54	RKX402ZA-0	ARM	[M]
55	XEARR225DA-Y	TELESCOPIC ANTENNA	
56	RGU0366-K	BUTTON	[M]
57	RMC0076	R/P PLATE SPRING	[M]
58	XTN2+4F	SCREW	
59	XTN2+6G	SCREW	
61	RMXX0002	REGULATION PLATE	[M]
62	RSL5021-L	LCD	[M]
63	RJB0399A	POWER PCB	[M]
64	XTC3+10CFN	SCREW	
65	XYN3+F10FY	SCREW	
66	XTV3+12G	SCREW	
67	XTV3+20G	SCREW	
		MECHANISM PARTS	
101	RXR0004	TAKE UP REEL ASS'Y	[M]
102	RDG0059	FF RELAY GEAR	[M]
103	RMS0055-1	REEL SHAFT	[M]
104	RXR0005	SUPPLY REEL ASS'Y	[M]
105	RMB0125	BACK TENSION SPRING	[M]
106	RMB0047	HEAD PANEL SPRING	[M]
107	RML0076	EJECT SELECTION LEVER	[M]
108	RMM0029	EJECT SLIDE LEVER	[M]
109	RMB0048-1	IDLER LEVER SPRING	[M]
110	RMC0061	PACK SPRING	[M]
111	RHW16009	CAPSTAN WASHER	[M]
112	RML0081-2	RECORD SAFETY LEVER	[M]
113	RFU189ZA	MECHA CHASSIS ASS'Y	[M]
114	RMB0046-1	LOCK PLATE SPRING	[M]

Ref. No.	Part No.	Part Name &Description	Remarks
115	RML0080	ERASE HEAD ARM	[M]
116	RBR2CY004-4	ERASE HEAD	
117	RML0116	BRAKE	
118	RMB0109-1	BRAKE SPRING	[M]
119	RMA0107-1	HEAD PANEL	[M]
120	RMR0149	HEAD BASE	[M]
121	RMB0059	AZIMUTH SPRING	[M]
122	XTN2+4F	HEAD BASE SCREW	
123	XTN2+8F	R/P HEAD SCREW	
124	RBR4CM001-M	R/P HEAD	[M]
125	RJR0033	EARTH LUG	[M]
126	RHD20003	AZIMUTH SCREW	[M]
127	RMA0109	BACK PLATE	[M]
129	XTN2+6J	BACK PLATE SCREW	[M]
130	RMB0043-1	ROD OPERATION SPRING	[M]
131	RMM0027	PAUSE ROD	[M]
132	RMM0026	STOP ROD	[M]
133	RMM0025	FF ROD	[M]
134	RMM0024	REW ROD	[M]
135	RMM0023	PLAY ROD	[M]
136	RMM0028	REC ROD	[M]
137	RML0078	FUNCTION PLATE	[M]
138	RML0077-1	LOCK PLATE	[M]
139	RML0072-1	RELEASE LEVER	[M]
140	RMR0227	IDLER GEAR BUSH	[M]
141	RDG0057-1	IDLER GEAR	[M]
142	RML0074-1	IDLER LEVER	[M]
143	RMR0211-1	PAUSE BUSH	[M]
144	RMB0053	PAUSE LEVER SPRING	[M]
145	RML0082	PAUSE LEVER	[M]
146	RML0071-1	SWAY LEVER	[M]
147	RMB0045-1	AS SPRING	[M]
148	RML0075	TRIGGER LEVEL ASS'Y	[M]
149	RDK0005-1	CAM GEAR	[M]
150	RML0073-1	PROTECT LEVER	[M]
151	RXP0014	RF CLUTCH ASS'Y	[M]
152	RMG0102	MOTOR RUBBER CUSHION	[M]
153	RHD26002	SCREW	[M]
154	RMA0122	MOTOR BRACKET	[M]
155	XTW26+6L	SCREW	
156	RFM177ZA	MOTOR ASS'Y	[M]
157	RXP0015	PINCH ROLLER ASS'Y	[M]
157A	RMB0049	PINCH ROLLER SPRING	[M]
158	RDV0007	MAIN BELT	[M]
159	RDV0006-1	RF BELT	[M]
160	RXF0012	FLYWHEEL ASS'Y	[M]
161	RDV0009	MAIN BELT B	[M]
162	RMG0131	SUPPORT RUBBER CUSHION	[M]
163	XTN26+3F	SCREW	[M]
164	RML0085	PAUSE RELEASE LEVER	[M]
165	RMA0121	CONNECTOR	[M]
166	RMB0044	TRIGGER LEVEL SPRING	[M]
167	REX0184	HEAD WIRE (DECK 1)	[M]
168	REX0185	HEAD WIRE (DECK 2)	[M]

RX-FT60

■ RESISTORS & CAPACITORS

Notes: * Capacity values are in microfarads (uF) unless specified otherwise, P=Pico-farads (pF) F=Farads (F)
* Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM), 1M=1,000k (OHM)

Ref No.	Part No.	Value & Remarks
		RESISTORS
R1	ERDS2TJ470T	47 1/4
R2	ERDS2TJ104T	100K 1/4
R3	ERDS2TJ104T	100K 1/4
R4	ERDS2TJ470T	47 1/4
R5	ERDS2TJ103T	10K 1/4
R6	ERDS2TJ223T	22K 1/4
R7	ERDS2TJ470T	47 1/4
R8	ERDS2TJ223T	22K 1/4
R9	ERDS2TJ471T	470 1/4
R11	ERDS2TJ471T	470 1/4
R12	ERDS2TJ334T	330K 1/4
R13	ERDS2TJ331T	330 1/4
R14	ERDS2TJ470T	47 1/4
R20	ERDS2TJ392T	3.9K 1/4
R21	ERDS2TJ822T	8.2K 1/4
R22	ERDS2TJ683T	68K 1/4
R23	ERDS2TJ104T	100K 1/4
R24	ERDS2TJ104T	100K 1/4
R25	ERDS2TJ104T	100K 1/4
R26	ERDS2TJ104T	100K 1/4
R27	ERDS2TJ223T	22K 1/4
R28	ERDS2TJ223T	22K 1/4
R29	ERDS2TJ472T	4.7K 1/4
R30	ERDS2TJ472T	4.7K 1/4
R31	ERDS2TJ103T	10K 1/4
R33	ERDS2TJ470T	47 1/4
R36	ERDS2TJ103T	10K 1/4
R37	ERDS2TJ471T	470 1/4
R38	ERDS2TJ330T	33 1/4
R39	ERDS2TJ103T	10K 1/4
R40	ERDS2TJ101T	100 1/4
R41	ERDS2TJ104T	100K 1/4
R42	ERDS2TJ562T	5.6K 1/4
R43	ERDS2TJ821T	820 1/4
R44	ERDS2TJ562T	5.6K 1/4
R45	ERDS2TJ332T	3.3K 1/4
R46	ERDS2TJ822T	8.2K 1/4
R47	ERDS2TJ102T	1K 1/4
R48	ERDS2TJ333T	33K 1/4
R49	ERDS2TJ680T	68 1/4
R50	ERDS2TJ680T	68 1/4
R51	ERDS2TJ680T	68 1/4
R52	ERDS2TJ560T	56 1/4
R53	ERDS2TJ102T	1K 1/4
R54	ERDS2TJ100T	10 1/4
R56	ERDS2TJ472T	4.7K 1/4
R57	ERDS2TJ470T	47 1/4
R58	ERDS2TJ104T	100K 1/4
R60[E]	ERDS2TJ820T	82 1/4
R61[E]	ERDS2TJ101T	100 1/4
R101	ERDS2TJ335T	3.3M 1/4
R102	ERDS2TJ470T	47 1/4
R103	ERDS2TJ273T	27K 1/4
R104	ERDS2TJ152T	1.5K 1/4
R105	ERDS2TJ153T	15K 1/4
R106	ERDS2TJ152T	1.5K 1/4
R107	ERDS2TJ122T	1.2K 1/4
R108	ERDS2TJ472T	4.7K 1/4
R109	ERDS2TJ273T	27K 1/4
R110	ERDS2TJ473T	47K 1/4

Ref No.	Part No.	Value & Remarks
R111	ERDS2TJ391T	390 1/4
R112	ERDS2TJ392T	3.9K 1/4
R113	ERDS2TJ272T	2.7K 1/4
R114	ERDS2TJ683T	68K 1/4
R116	ERDS2TJ391T	390 1/4
R117	ERDS2TJ103T	10K 1/4
R118	ERDS2TJ153T	15K 1/4
R119	ERDS2TJ821T	820 1/4
R120	ERDS2TJ473T	47K 1/4
R121	ERDS2TJ472T	4.7K 1/4
R122	ERDS2TJ472T	4.7K 1/4
R123	ERDS2TJ2R2T	2.2 1/4
R124	ERDS2TJ121T	120 1/4
R170	ERDS2TJ102T	1K 1/4
R171	ERDS2TJ472T	4.7K 1/4
R172	ERDS2TJ154T	150K 1/4
R173	ERDS2TJ103T	10K 1/4
R174	ERDS2TJ103T	10K 1/4
R175	ERDS2TJ332T	3.3K 1/4
R176	ERDS2TJ103T	10K 1/4
R177	ERDS2TJ224T	220K 1/4
R178	ERDS2TJ561T	560 1/4
R179	ERDS2TJ561T	560 1/4
R201	ERDS2TJ335T	3.3M 1/4
R202	ERDS2TJ470T	47 1/4
R203	ERDS2TJ273T	27K 1/4
R204	ERDS2TJ152T	1.5K 1/4
R205	ERDS2TJ153T	15K 1/4
R206	ERDS2TJ152T	1.5K 1/4
R207	ERDS2TJ122T	1.2K 1/4
R208	ERDS2TJ472T	4.7K 1/4
R209	ERDS2TJ273T	27K 1/4
R210	ERDS2TJ473T	47K 1/4
R211	ERDS2TJ391T	390 1/4
R212	ERDS2TJ392T	3.9K 1/4
R213	ERDS2TJ272T	2.7K 1/4
R214	ERDS2TJ683T	68K 1/4
R216	ERDS2TJ391T	390 1/4
R217	ERDS2TJ103T	10K 1/4
R218	ERDS2TJ153T	15K 1/4
R219	ERDS2TJ821T	820 1/4
R220	ERDS2TJ473T	47K 1/4
R221	ERDS2TJ472T	4.7K 1/4
R222	ERDS2TJ472T	4.7K 1/4
R223	ERDS2TJ2R2T	2.2 1/4
R224	ERDS2TJ121T	120 1/4
R270	ERDS2TJ102T	1K 1/4
R271	ERDS2TJ472T	4.7K 1/4
R272	ERDS2TJ154T	150K 1/4
R273	ERDS2TJ103T	10K 1/4
R274	ERDS2TJ103T	10K 1/4
R275	ERDS2TJ332T	3.3K 1/4
R276	ERDS2TJ103T	10K 1/4
R277	ERDS2TJ224T	220K 1/4
R278	ERDS2TJ561T	560 1/4
R279	ERDS2TJ561T	560 1/4
R301	ERDS2TJ332T	3.3K 1/4
R302	ERDS2TJ334T	330K 1/4
R303	ERDS2TJ102T	1K 1/4
R304	ERDS2TJ6R8T	6.8 1/4
R305	ERDS2TJ561T	560 1/4
R306	ERDS2TJ332T	3.3K 1/4

Ref No.	Part No.	Value & Remarks
R307	ERDS2TJ104T	100K 1/4
R308	ERDS2TJ562T	5.6K 1/4
R309	ERDS2TJ101T	100 1/4
R310	ERDS2TJ224T	220K 1/4
R311	ERDS2TJ333T	33K 1/4
R312	ERDS2TJ561T	560 1/4
R313	ERDS2TJ6R8T	6.8 1/4
R314	ERDS2TJ102T	1K 1/4
R315	ERDS2TJ471T	470 1/4
R316	ERDS2TJ472T	4.7K 1/4
R317	ERDS2TJ471T	470 1/4
R318	ERDS2TJ472T	4.7K 1/4
R319	ERDS2TJ104T	100K 1/4
R320	ERDS2TJ104T	100K 1/4
R321	ERDS2TJ471T	470 1/4
R322	ERDS2TJ222T	2.2K 1/4
R323	ERDS2TJ680T	68 1/4
R324	ERDS2TJ333T	33K 1/4
R325	ERDS2TJ395	3.9M 1/4
R327	ERDS2TJ393T	39K 1/4
R328	ERDS2TJ222T	2.2K 1/4
R329	ERDS2TJ680T	68 1/4
R330	ERDS2TJ681T	680 1/4
R331	ERDS2TJ222T	2.2K 1/4
R332	ERDS2TJ560T	56 1/4
R333	ERDS2TJ102T	1K 1/4
R334	ERDS2TJ473T	47K 1/4
R335	ERDS2TJ822T	8.2K 1/4
R336	ERDS2TJ332T	3.3K 1/4
R337	ERDS2TJ123T	12K 1/4
R338	ERDS2TJ224T	220K 1/4
R339	ERDS2TJ472T	4.7K 1/4
R341	ERDS2TJ270T	27 1/4
R342	ERDS2TJ680T	68 1/4
R370	ERDS2TJ221T	220 1/4
R401	ERDS2TJ153T	15K 1/4
R403	ERDS2TJ102T	1K 1/4
R404	ERDS2TJ303T	30K 1/4
R405	ERDS2TJ105T	1M 1/4
R406	ERDS2TJ472T	4.7K 1/4
R408	ERDS2TJ303T	30K 1/4
R501	ERG3SJ470H	47 3
R600	ERDS2TJ560T	56 1/4
R602	ERDS2TJ332T	3.3K 1/4
R603	ERDS2TJ472T	4.7K 1/4
R604	ERDS2TJ104T	100K 1/4
R605	ERDS2TJ104T	100K 1/4
R606	ERDS2TJ104T	100K 1/4
R607	ERDS2TJ104T	100K 1/4
R608	ERDS2TJ104T	100K 1/4
R609	ERDS2TJ104T	100K 1/4
R610	ERDS2TJ472T	4.7K 1/4
R611	ERDS2TJ102T	1K 1/4
R612	ERDS2TJ102T	1K 1/4
R613	ERDS2TJ102T	1K 1/4
R614	ERDS2TJ102T	1K 1/4
R615	ERDS2TJ102T	1K 1/4
R616	ERDS2TJ104T	100K 1/4
R617	ERDS2TJ220T	22 1/4

Ref No.
C1
C2
C3
C4
C5
C6
C7
C8
C9
C11
C12
C13
C14
C15
C17
C18
C21
C22
C23
C24
C25
C26
C27
C28
C29
C30
C31
C32
C33
C34
C35
C36
C39
C40
C41
C43
C44
C46
C47
C48
C49
C50
C51
C52
C53
C54
C55
C56
C57
C58
C59
C60
C61
C62
C63
C64
C65
C66
C67
C68
C69
C71[E]
C73
C74
C75
C77

■ RESISTORS & CAPACITORS

Notes: * Capacity values are in microfarads (uF) unless specified otherwise, P=Pico-farads (pF) F=Farads (F)
* Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM), 1M=1,000k (OHM)

Ref No.	Part No.	Value & Remarks
		RESISTORS
R1	ERDS2TJ470T	47 1/4
R2	ERDS2TJ104T	100K 1/4
R3	ERDS2TJ104T	100K 1/4
R4	ERDS2TJ470T	47 1/4
R5	ERDS2TJ103T	10K 1/4
R6	ERDS2TJ223T	22K 1/4
R7	ERDS2TJ470T	47 1/4
R8	ERDS2TJ223T	22K 1/4
R9	ERDS2TJ471T	470 1/4
R11	ERDS2TJ471T	470 1/4
R12	ERDS2TJ334T	330K 1/4
R13	ERDS2TJ331T	330 1/4
R14	ERDS2TJ470T	47 1/4
R20	ERDS2TJ392T	3.9K 1/4
R21	ERDS2TJ822T	8.2K 1/4
R22	ERDS2TJ683T	68K 1/4
R23	ERDS2TJ104T	100K 1/4
R24	ERDS2TJ104T	100K 1/4
R25	ERDS2TJ104T	100K 1/4
R26	ERDS2TJ104T	100K 1/4
R27	ERDS2TJ223T	22K 1/4
R28	ERDS2TJ223T	22K 1/4
R29	ERDS2TJ472T	4.7K 1/4
R30	ERDS2TJ472T	4.7K 1/4
R31	ERDS2TJ103T	10K 1/4
R33	ERDS2TJ470T	47 1/4
R36	ERDS2TJ103T	10K 1/4
R37	ERDS2TJ471T	470 1/4
R38	ERDS2TJ330T	33 1/4
R39	ERDS2TJ103T	10K 1/4
R40	ERDS2TJ101T	100 1/4
R41	ERDS2TJ104T	100K 1/4
R42	ERDS2TJ562T	5.6K 1/4
R43	ERDS2TJ821T	820 1/4
R44	ERDS2TJ562T	5.6K 1/4
R45	ERDS2TJ332T	3.3K 1/4
R46	ERDS2TJ822T	8.2K 1/4
R47	ERDS2TJ102T	1K 1/4
R48	ERDS2TJ333T	33K 1/4
R49	ERDS2TJ680T	68 1/4
R50	ERDS2TJ680T	68 1/4
R51	ERDS2TJ680T	68 1/4
R52	ERDS2TJ560T	56 1/4
R53	ERDS2TJ102T	1K 1/4
R54	ERDS2TJ100T	10 1/4
R56	ERDS2TJ472T	4.7K 1/4
R57	ERDS2TJ470T	47 1/4
R58	ERDS2TJ104T	100K 1/4
R60[E]	ERDS2TJ820T	82 1/4
R61[E]	ERDS2TJ101T	100 1/4
R101	ERDS2TJ335T	3.3M 1/4
R102	ERDS2TJ470T	47 1/4
R103	ERDS2TJ273T	27K 1/4
R104	ERDS2TJ152T	1.5K 1/4
R105	ERDS2TJ153T	15K 1/4
R106	ERDS2TJ152T	1.5K 1/4
R107	ERDS2TJ122T	1.2K 1/4
R108	ERDS2TJ472T	4.7K 1/4
R109	ERDS2TJ273T	27K 1/4
R110	ERDS2TJ473T	47K 1/4

Ref No.	Part No.	Value & Remarks
R111	ERDS2TJ391T	390 1/4
R112	ERDS2TJ392T	3.9K 1/4
R113	ERDS2TJ272T	2.7K 1/4
R114	ERDS2TJ683T	68K 1/4
R116	ERDS2TJ391T	390 1/4
R117	ERDS2TJ103T	10K 1/4
R118	ERDS2TJ153T	15K 1/4
R119	ERDS2TJ821T	820 1/4
R120	ERDS2TJ473T	47K 1/4
R121	ERDS2TJ472T	4.7K 1/4
R122	ERDS2TJ472T	4.7K 1/4
R123	ERDS2TJ2R2T	2.2 1/4
R124	ERDS2TJ121T	120 1/4
R170	ERDS2TJ102T	1K 1/4
R171	ERDS2TJ472T	4.7K 1/4
R172	ERDS2TJ154T	150K 1/4
R173	ERDS2TJ103T	10K 1/4
R174	ERDS2TJ103T	10K 1/4
R175	ERDS2TJ332T	3.3K 1/4
R176	ERDS2TJ103T	10K 1/4
R177	ERDS2TJ224T	220K 1/4
R178	ERDS2TJ561T	560 1/4
R179	ERDS2TJ561T	560 1/4
R201	ERDS2TJ335T	3.3M 1/4
R202	ERDS2TJ470T	47 1/4
R203	ERDS2TJ273T	27K 1/4
R204	ERDS2TJ152T	1.5K 1/4
R205	ERDS2TJ153T	15K 1/4
R206	ERDS2TJ152T	1.5K 1/4
R207	ERDS2TJ122T	1.2K 1/4
R208	ERDS2TJ472T	4.7K 1/4
R209	ERDS2TJ273T	27K 1/4
R210	ERDS2TJ473T	47K 1/4
R211	ERDS2TJ391T	390 1/4
R212	ERDS2TJ392T	3.9K 1/4
R213	ERDS2TJ272T	2.7K 1/4
R214	ERDS2TJ683T	68K 1/4
R216	ERDS2TJ391T	390 1/4
R217	ERDS2TJ103T	10K 1/4
R218	ERDS2TJ153T	15K 1/4
R219	ERDS2TJ821T	820 1/4
R220	ERDS2TJ473T	47K 1/4
R221	ERDS2TJ472T	4.7K 1/4
R222	ERDS2TJ472T	4.7K 1/4
R223	ERDS2TJ2R2T	2.2 1/4
R224	ERDS2TJ121T	120 1/4
R270	ERDS2TJ102T	1K 1/4
R271	ERDS2TJ472T	4.7K 1/4
R272	ERDS2TJ154T	150K 1/4
R273	ERDS2TJ103T	10K 1/4
R274	ERDS2TJ103T	10K 1/4
R275	ERDS2TJ332T	3.3K 1/4
R276	ERDS2TJ103T	10K 1/4
R277	ERDS2TJ224T	220K 1/4
R278	ERDS2TJ561T	560 1/4
R279	ERDS2TJ561T	560 1/4
R301	ERDS2TJ332T	3.3K 1/4
R302	ERDS2TJ334T	330K 1/4
R303	ERDS2TJ102T	1K 1/4
R304	ERDS2TJ6R8T	6.8 1/4
R305	ERDS2TJ561T	560 1/4
R306	ERDS2TJ332T	3.3K 1/4

Ref No.	Part No.	Value & Remarks
R307	ERDS2TJ104T	100K 1/4
R308	ERDS2TJ562T	5.6K 1/4
R309	ERDS2TJ101T	100 1/4
R310	ERDS2TJ224T	220K 1/4
R311	ERDS2TJ333T	33K 1/4
R312	ERDS2TJ561T	560 1/4
R313	ERDS2TJ6R8T	6.8 1/4
R314	ERDS2TJ102T	1K 1/4
R315	ERDS2TJ471T	470 1/4
R316	ERDS2TJ472T	4.7K 1/4
R317	ERDS2TJ471T	470 1/4
R318	ERDS2TJ472T	4.7K 1/4
R319	ERDS2TJ104T	100K 1/4
R320	ERDS2TJ104T	100K 1/4
R321	ERDS2TJ471T	470 1/4
R322	ERDS2TJ222T	2.2K 1/4
R323	ERDS2TJ680T	68 1/4
R324	ERDS2TJ333T	33K 1/4
R325	ERDS2TJ395	3.9M 1/4
R327	ERDS2TJ393T	39K 1/4
R328	ERDS2TJ222T	2.2K 1/4
R329	ERDS2TJ680T	68 1/4
R330	ERDS2TJ681T	680 1/4
R331	ERDS2TJ222T	2.2K 1/4
R332	ERDS2TJ560T	56 1/4
R333	ERDS2TJ102T	1K 1/4
R334	ERDS2TJ473T	47K 1/4
R335	ERDS2TJ822T	8.2K 1/4
R336	ERDS2TJ332T	3.3K 1/4
R337	ERDS2TJ123T	12K 1/4
R338	ERDS2TJ224T	220K 1/4
R339	ERDS2TJ472T	4.7K 1/4
R341	ERDS2TJ270T	27 1/4
R342	ERDS2TJ680T	68 1/4
R370	ERDS2TJ221T	220 1/4
R401	ERDS2TJ153T	15K 1/4
R403	ERDS2TJ102T	1K 1/4
R404	ERDS2TJ303T	30K 1/4
R405	ERDS2TJ105T	1M 1/4
R406	ERDS2TJ472T	4.7K 1/4
R408	ERDS2TJ303T	30K 1/4
R501	ERG3SJ470H	47 3
R600	ERDS2TJ560T	56 1/4
R602	ERDS2TJ332T	3.3K 1/4
R603	ERDS2TJ472T	4.7K 1/4
R604	ERDS2TJ104T	100K 1/4
R605	ERDS2TJ104T	100K 1/4
R606	ERDS2TJ104T	100K 1/4
R607	ERDS2TJ104T	100K 1/4
R608	ERDS2TJ104T	100K 1/4
R609	ERDS2TJ104T	100K 1/4
R610	ERDS2TJ472T	4.7K 1/4
R611	ERDS2TJ102T	1K 1/4
R612	ERDS2TJ102T	1K 1/4
R613	ERDS2TJ102T	1K 1/4
R614	ERDS2TJ102T	1K 1/4
R615	ERDS2TJ102T	1K 1/4
R616	ERDS2TJ104T	100K 1/4
R617	ERDS2TJ220T	22 1/4

Ref No.	Part No.	Value & Remarks
		CAPACITORS
C1	RCBS1H102KBY	0.001 50
C2	RCBS1H4R7KCY	4.7P 50
C3	RCBS1H470JLY	47P 50
C4	RCBS1H010MCY	1P 50
C5	RCBS1H102KBY	0.001 50
C6	RCBS1H220JCY	22P 50
C7	RCBS1H102KBY	0.001 50
C8	RCBS1H102KBY	0.001 50
C9	RCBS1H102KBY	0.001 50
C11	RCBS1H5R6KCY	5.6P 50
C12	RCBS1H102KBY	0.001 50
C13	RCBS1C103MYY	0.01 16
C14	RCBS1H150JCY	15P 50
C15	RCBS1C103NYY	0.01 16
C17	ECFT1C223MDY	0.022 16
C18	ECEA0JU101B	100 6.3
C21	ECFT1C223MDY	0.022 16
C22	ECFT1C223MDY	0.022 16
C23	RCBS1H331KBY	330P 50
C24	ECEA0JU101B	100 6.3
C25	ECFT1C223MDY	0.022 16
C26	RCBS1C103MYY	0.01 16
C27	ECFT1C153MDY	0.015 16
C28	RCBS1C103MYY	0.01 16
C29	ECEA1EU4R7B	4.7 25
C30	ECFT1C223MDY	0.022 16
C31	ECEA1EU4R7B	4.7 25
C32	RCBS1C103MYY	0.01 16
C33	RCBS1C103MYY	0.01 16
C34	RCBS1C103MYY	0.01 16
C35	RCBS1H560JLY	56P 50
C36	RCBS1H100JCY	10P 50
C39	ECQP2A391GZT	390P 100
C40	ECQP2A121JZT	120P 100
C41	ECQP2A181JBT	180P 100
C43	ECFT1C223MDY	0.022 16
C44	ECFT1C223MDY	0.022 16
C46	RCBS1C103MYY	0.01 16
C47	RCBS1C103MYY	0.01 16
C48	RCBS1C103MYY	0.01 16
C49	ECEA1AU470B	47 10
C50	ECEA1HU2R2B	2.2 50
C51	ECEA1HU010B	1 50
C52	RCBS1C103MYY	0.01 16
C53	RCBS1C103MYY	0.01 16
C54	ECQP1H102JZ	0.001 50
C55	ECEA1HUR47B	0.47 50
C56	ECEA1HUR33B	0.33 50
C57	ECEA1HU010B	1 50
C58	ECFT1C223MDY	0.022 16
C59	ECEA0JU101B	100 6.3
C60	RCBS1C103MYY	0.01 16
C61	RCBS1H102KBY	0.001 50
C62	ECEA1HUR47B	0.47 50
C63	ECFR1C473MR	0.047 16
C64	RCBS1H102KBY	0.001 50
C65	RCBS1C103MYY	0.01 16
C66	RCBS1C103MYY	0.01 16
C67	RCBS1C103MYY	0.01 16
C68	RCBS1C103MYY	0.01 16
C69	RCBS1C103MYY	0.01 16
C71[E]	RCBS1H102KBY	0.001 50
C73	ECEA1HU0R1B	0.1 50
C74	RCBS1H102KBY	0.001 50
C75	RCBS1H102KBY	0.001 50
C77	RCBS1C103MYY	0.01 16

Ref No.	Part No.	Value & Remarks
C80	RCBS1H2R2KCY	2.2P 50
C101	RCBS1H101KBY	100P 50
C102	ECEA1HU010B	1 50
C103	RCBS1H471KBY	470P 50
C104	ECFT1C104KDY	0.1 16
C105	RCBS1H102KBY	0.001 50
C106	ECEA1HU010B	1 50
C107	ECFT1C153MDY	0.015 16
C108	RCBS1H102KBY	0.001 50
C109	RCBS1H330JLY	33P 50
C110	ECEA0JU101B	100 6.3
C111	ECEA1HU010B	1 50
C112	RCBS1C103MYY	0.01 16
C114	ECEA1HU0R1B	0.1 50
C116	RCBS1C472MXY	0.0047 50
C117	ECEA0JU101B	100 6.3
C118	RCBS1C103NYY	0.01 16
C119	ECEA1AU470B	47 10
C120	ECFR1C473MR	0.047 16
C121	ECEA1AU102B	1000 10
C122	ECFR1C683MR	0.068 16
C123	RCBS1H100JCY	10P 50
C170	ECEA1CU100B	10 16
C171	ECEA1HU010B	1 50
C172	RCBS0JJ153MYY	0.015 6.3
C173	ECEA1HU0R1B	0.1 50
C174	RCBS1C152MXY	0.0015 16
C175	ECEA1HUR47B	0.47 50
C176	ECQV1H184JZ3	0.18 50
C177	ECEA1HUR22B	0.22 50
C178	ECEA1HU010B	1 50
C179	ECEA1HU010B	1 50
C180	ECEA1HU010B	1 50
C181	RCBS1H681KBY	680P 50
C182	ECFT1C104MDY	0.1 16
C183	RCBS1H102KBY	0.001 50
C201	RCBS1H101KBY	100P 50
C202	ECEA1HU010B	1 50
C203	RCBS1H471KBY	470P 50
C204	ECFT1C104KDY	0.1 16
C205	RCBS1H102KBY	0.001 50
C206	ECEA1HU010B	1 50
C207	ECFT1C153MDY	0.015 16
C208	RCBS1H102KBY	0.001 50
C209	RCBS1H330JLY	33P 50
C210	ECEA0JU101B	100 6.3
C211	ECEA1HU010B	1 50
C212	RCBS1C103MYY	0.01 16
C214	ECEA1HU0R1B	0.1 50
C216	RCBS1C472MXY	0.0047 16
C217	ECEA0JU101B	100 6.3
C218	RCBS1C103NYY	0.01 16
C219	ECEA1AU470B	47 10
C220	ECFR1C473MR	0.047 16
C221	ECEA1AU102B	1000 10
C222	ECFR1C683MR	0.068 16
C223	RCBS1H100JCY	10P 50
C270	ECEA1CU100B	10 16
C271	ECEA1HU010B	1 50
C272	RCB0J153MYY	0.015 6.3
C273	ECEA1HUOR1B	0.1 50
C274	RCBS1C152MXY	0.0015 16
C275	ECEA1HUR47B	0.47 50
C276	ECQV1H184JZ3	0.18 50
C277	ECEA1HUR22B	0.22 50
C278	ECEA1HU010B	1 50
C279	ECEA1HU010B	1 50
C280	ECEA1HU010B	1 50

Ref No.	Part No.	Value & Remarks
C281	RCBS1H681KBY	680P 50
C282	ECFT1C104MDY	0.1 16
C283	RCBS1H102KBY	0.001 50
C301	RCBS1H101KBY	100P 50
C302	ECEA0JU221B	220 6.3
C303	ECFT1C273MDY	0.027 16
C304	RCBS1H102KBY	0.001 50
C305	ECFT1C104MDY	0.1 16
C306	ECEA1HU010B	1 50
C307	ECEA1CU100B	10 16
C308	ECKT1H181KB	180P 50
C309	ECKT1H331KB	330P 50
C310	ECQP1272JZT	0.0027 100
C311	ECEA0JU221B	220 6.3
C312	ECFT1C223MDY	0.022 16
C313	RCBS1C103MYY	0.01 16
C314	ECEA1CU100B	10 16
C315	RCBS1C103MYY	0.01 16
C316	ECEA1HU010B	1 50
C317	RCBS1C103MYY	0.01 16
C318	RCBS1H220JCY	22P 50
C319	ECEA1CU100B	10 16
C320	RCBS1C103MYY	0.01 16
C321	ECFR1C683MR	0.068 16
C322	ECEA1HU2R2B	2.2 50
C323	ECEA1CU100B	10 16
C324	ECEA1AU221B	220 10
C326	RCBS1C103NYY	0.01 16
C327	ECEA1AU221B	220 10
C328	ECEA1HU2R2B	2.2 50
C329	ECEA0JU471B	470 6.3
C330	ECEA1EU4R7B	4.7 25
C332	ECEA1EU222	2.2K 25
C333	ECEA1HU010B	1 50
C334	ECEA0JU471B	470 6.3
C335	ECKT1H103MD	0.01 50
C336	ECEA1CU221B	220 16
C337	ECEA1CU100B	10 16
C338	RCBS1H102KBY	0.001 50
C339	ECEA1AU330B	33 10
C370	ECEA1AU221B	220 10
C401	ECEA1EU330B	33 25
C402	ECEA1EU101B	100 25
C403	ECEA1EFS101	100 25 [M]
C501	ECKT1H103ZF	0.01 50
C502	ECKT1H103ZF	0.01 50
C503	ECKT1H103ZF	0.01 50
C504	ECKT1H103ZF	0.01 50
C505	ECEA1EU221B	220 25
C600	RCBS1H104ZFY	0.1 50
C601	ECQV1H105JZ	1 50
C602	ECEA0JU101	10 6.3
C603	RCBS1C103MYY	0.01 16
C604	RCBS1C103MYY	0.01 16
C605	RCBS1H104ZFY	0.1 50
C606	RCBS1H473ZFY	0.047 50
C607	RCBS1H104ZFY	0.1 50
C608	RCBS1H102KBY	0.001 50
C609	RCBS1C103MYY	0.01 16
C610	RCBS1H330JLY	33P 50
C611	RCBS1H220JCY	22P 50
C612	RCBS1C103MYY	0.01 16
C613	RCBS1C103MYY	0.01 16
C614	RCBS1C103MYY	0.01 16
C615	RCBS1C103MYY	0.01 16
C616	RCBS1C103MYY	0.01 16
C617	RCBS1C103MYY	0.01 16

MESA Printed in Singapore
VS900511000L/P/A/J